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# Gettysburg College Bulletin

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CATALOG NUMBER

# Gettysburg College Bulletin

*Formerly Pennsylvania College  
Founded in 1832*

REGISTER FOR 1950 • 1951

ANNOUNCEMENT OF COURSES 1951 • 1952

*Vol. XLI • February, 1951 • No. 2*

GETTYSBURG COLLEGE

GETTYSBURG, PENNSYLVANIA

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## *Foreword*

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Gettysburg College is dedicated to the task of developing Christian character.

Its students and faculty have been selected for the contribution they can make to this goal. The result is a small, independent, campus college providing a setting in which like-minded persons can develop habits of industry and integrity, cooperation and conscientiousness.

The community of interest fostered by cooperative pursuit of common goals is balanced by the awareness that there is desirable a world-wide community in which the ideals of the College may act as a leaven. Gettysburg College students are preparing to play their various roles in such a world by becoming acquainted with contemporary problems and attempts to solve them.

Character growth involves forming ideals and committing oneself to them; these ideals must be constantly criticized and corrected. The heart of the problem that confronts this small, Christian College is, therefore, the development in youth of moral integrity, disciplined intelligence, and creative appreciation.

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# CALENDAR FOR 1950,1951,1952

Session days are indicated by bold-face type

SEPTEMBER

S	M	T	W	T	F	S
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3	4	5	6	7	8	9
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OCTOBER

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NOVEMBER

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DECEMBER

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1951

JANUARY

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FEBRUARY

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APRIL

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JUNE

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JULY

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OCTOBER

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NOVEMBER

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DECEMBER

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1952

JANUARY

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FEBRUARY

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MARCH

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MAY

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AUGUST

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# COLLEGE CALENDAR

1950-1951

1950	REGULAR SESSION
<i>September 18 to 21</i>	<i>Monday to Thursday, Orientation Week and Registration.</i>
<i>September 21</i>	<i>Thursday, Formal Opening Exercises.</i>
<i>September 22</i>	<i>Friday, 8:00 A.M., Beginning of classes.</i>
<i>November 22 to 27</i>	<i>Wednesday, Noon, to Monday, 8:00 A.M., Thanksgiving Recess.</i>
<i>December 16</i>	<i>Saturday, Noon, Beginning of Christmas Recess.</i>
1951	
<i>January 3</i>	<i>Wednesday, 8:00 A.M., End of Christmas Recess.</i>
<i>January 17 to 26</i>	<i>Wednesday through Friday, Examinations.</i>
<i>January 30</i>	<i>Tuesday, Registration of New Students.</i>
<i>January 31</i>	<i>Wednesday, Beginning of Second Semester.</i>
<i>March 21</i>	<i>Wednesday, 8:00 A.M., Beginning of Easter Recess.</i>
<i>March 28</i>	<i>Wednesday, 8:00 A.M., End of Easter Recess.</i>
<i>May 15</i>	<i>Tuesday, Spring Registration.</i>
<i>May 21 to 31</i>	<i>Monday through Thursday, Examinations.</i>
<i>June 3</i>	<i>Sunday, Commencement Exercises.</i>
1951	SUMMER SESSION
<i>June 11</i>	<i>Monday, Registration. 9:00-12:00 A.M. Organization of classes 1:30-3:30 P.M.</i>
<i>June 12</i>	<i>Tuesday, Beginning of classes.</i>
<i>July 20</i>	<i>Friday, End of First Session.</i>
<i>July 23</i>	<i>Monday, Beginning of Second Session.</i>
<i>August 31</i>	<i>Friday, End of Second Session.</i>

# COLLEGE CALENDAR

1951-1952

1951

*September 17 to 20*

*September 20*

*September 21*

*October 26 and 27*

*November 3*

*November 21 to 26*

*December*

*December 15*

1952

*January 3*

*January 21 to 31*

*February 4*

*February 5*

*March 14 to 16*

*April 9*

*April 16*

*May 3 and 4*

*May 13*

*May 19 to 29*

*May 30*

*May 31*

*May 31*

*June 1*

*June 1*

## REGULAR SESSION

*Monday to Thursday, Orientation Week and Registration.*

*Thursday, Formal Opening Exercises.*

*Friday, 8:00 A.M., Beginning of classes.*

*Saturday and Sunday, Father's Day.*

*Saturday, Alumni Homecoming.*

*Wednesday, Noon, to Monday, 8:00 A.M.*

*Mid-winter Meeting of Board of Trustees in Phila.*

*Saturday, Noon, Beginning of Christmas Recess.*

*Thursday, 8:00 A.M., End of Christmas Recess.*

*Monday through Thursday, Examinations.*

*Monday, Registration of New Students.*

*Tuesday, 8:00 A.M., Beginning of Second Semester.*

*Friday through Sunday, Interfraternity Week.*

*Wednesday, 8:00 A.M., Beginning of Easter Recess.*

*Wednesday, 8:00 A.M., End of Easter Recess.*

*Saturday and Sunday, Mother's Day.*

*Tuesday, Spring Registration.*

*Monday through Thursday, Examinations.*

*Friday, Alumni Council Dinner.*

*Saturday, Meeting of Board of Trustees, Gettysburg*

*Saturday, Noon, Alumni Collation.*

*Sunday, 10:45 A.M. Baccalaureate Sermon.*

*Sunday, 2:30 P.M. Commencement Exercises.*

## *Board of Trustees*

<i>First Elected</i>		<i>Term Expires</i>
1923	HENRY W. A. HANSON, D.D., LL.D., Gettysburg	1951
1929	PAUL B. S. RICE,† Harrisburg	1952
1929	CHARLES M. A. STINE, Ph.D., Sc.D., LL.D., Wilmington, Del.	1952
1932	JOHN H. BEERITS, Somerset	1955
1932	HARRY H. BEIDLEMAN, D.D., Hanover	1955
1932	AMOS E. TAYLOR, Ph.D., Washington, D. C.	1953
1935	C. WILLIAM DUNCAN, Philadelphia	1953
1937	CLYDE E. GERBERICH, Mount Joy	1954
1937	HON. HIRAM H. KELLER, LL.D., Doylestown	1954
1939	ROY C. DOUGHERTY,* Reading	1951
1939	FREDERICK B. DAPP,† Harrisburg	1953
1939	EDWARD W. FURST, Swarthmore	1951
1939	WILLIAM J. MILLER, D.D., Philadelphia	1954
1939	HON. JOHN STANLEY RICE, Gettysburg	1956
1940	WILLIAM H. PATRICK, JR.,* Philadelphia	1952
1941	RICHARD C. WETZEL, Reading	1953
1941	CHARLES B. MCCOLLOUGH, Detroit, Mich.	1953
1943	EDWARD EHLERS, Montclair, New Jersey	1955
1945	CLARENCE L. S. RABY,* Ph.D., Philadelphia	1954
1946	HORACE G. PORTS,* York	1953
1946	CLARENCE A. WILLS, Gettysburg	1952
1947	MRS. CHARLES W. BAKER, Duquesne	1954
1948	WILLIAM H. SANDLAS, Baltimore	1954
1948	CHESTER S. SIMONTON, York	1954
1949	PAUL R. SIEBER, Pittsburgh	1955
1949	L. RALPH TABOR,* Washington, D. C.	1955
1950	MRS. AUSTIN H. FELLENBAUM,* Lancaster, Pa.	1956

\* Designated as Alumni Trustees, having been elected on nomination by the Alumni Association.

† Died November 29, 1950.

‡ Died April 12, 1951.

# Officers of the Board

---

CHARLES M. A. STINE

*Chairman*

HIRAM H. KELLER

*Vice Chairman*

FREDERICK B. DAPP\*

*Assistant Secretary*

WILLIAM H. PATRICK, JR.

*Secretary*

GETTYSBURG NATIONAL BANK

*Treasurer*

## *Standing Committees of the Board*

### *Executive Committee*

HIRAM H. KELLER, Chairman

JOHN STANLEY RICE, Vice Chairman

EDWARD W. FURST

CHARLES B. MCCOLLOUGH

RICHARD C. WETZEL

WILLIAM H. PATRICK JR., Secretary

AMOS E. TAYLOR

### *Finance Committee*

EDWARD W. FURST, Chairman

AMOS E. TAYLOR, Vice Chairman

WILLIAM H. PATRICK, JR., Secretary

CLARENCE A. WILLS

RICHARD C. WETZEL

### *Building and Grounds Committee*

RICHARD C. WETZEL, Chairman

WILLIAM H. SANDLAS, Vice Chairman

JOHN STANLEY RICE, Secretary

MRS. CHARLES BAKER

EDWARD EHLERS

ROY C. DOUGHERTY

CHARLES B. MCCOLLOUGH

### *College Infirmary Committee*

FREDERICK B. DAPP, Chairman\*

PAUL R. SIEBER, Vice Chairman

MRS. AUSTIN FELLENBAUM

CLYDE E. GERBERICH

L. RALPH TABOR

### *Representative on the Athletic Council*

CLARENCE L. S. RABY

\* Deceased.

*Religious Activities*

CHESTER S. SIMONTON, Chairman

WILLIAM J. MILLER, Vice Chairman

MRS. CHARLES BAKER

HARRY H. BEIDLEMAN

L. RALPH TABOR

*Physical Education*

JOHN S. RICE, Chairman

CLARENCE L. S. RABY, Vice Chairman

C. WILLIAM DUNCAN

MRS. AUSTIN FELLENBAUM

PAUL R. SIEBER

*Fraternities*

PAUL B. S. RICE, Chairman\*

CLARENCE L. S. RABY, Vice Chairman

MRS. CHARLES BAKER

CLYDE E. GERBERICH

HORACE G. PORTS

*Ex-Officio Members of All Committees*

PRESIDENT OF COLLEGE

CHAIRMAN, BOARD OF TRUSTEES

\* Deceased.

# The Administration

---

HENRY W. A. HANSON

3 Campus

*President*

A.B., A.M., *Roanoke College*; B.D., *Gettysburg Theological Seminary*; D.D., *Gettysburg College*; LL.D., *Bucknell University and Lafayette College*.

WILBUR E. TILBERG

69 W. Lincoln Ave.

*Dean*

A.B., *Bethany College*; A.M., *University of Kansas*; PH.D., *University of Wisconsin*.

CHARLES R. WOLFE

37 E. Lincoln Ave.

*Registrar and Dean of Admissions*

A.B., A.M., *Gettysburg College*.

DOROTHY G. LEE

HANSON Hall

*Dean of Women*

A.B., *Geneva College*; A.M., *Syracuse University*.

GETTYSBURG NATIONAL BANK

10 York St.

*College Treasurer*

C. PAUL CESSNA

218 Baltimore St.

*Alumni Secretary*

A.B., A.M., *Gettysburg College*.

JOHN H. KNICKERBOCKER

4 W. Confederate Ave.

*Librarian*

A.B., A.M., *Columbia University*.

WILLIAM O. DUCK

262 E. Middle St.

*Guidance Counselor*

A.B., *Bucknell University*; A.M., PH.D., *University of Pittsburgh*.

# The Faculty 1950-1951

---

- CHARLES H. HUBER 411 Carlisle St.  
*Director of Women's Division, Emeritus*  
A.B., A.M., LITT.D., Gettysburg College.
- KARL J. GRIMM Baltimore, Md.  
*Professor of German, Emeritus*  
PH.D., The Johns Hopkins University; LL.D., Carthage College.
- CHARLES F. SANDERS St. Petersburg, Fla.  
*Professor of Philosophy, Emeritus*  
A.B., A.M., Gettysburg College; D.D., Lafayette College.
- RICHARD A. ARMS 59 W. Lincoln Ave.  
*Alumni Professor of Mathematics and Director of Dramatics*  
A.B., Ursinus College; PH.D., University of Pennsylvania.
- FRANK H. KRAMER 140 W. Broadway  
*Professor of Education*  
A.B., Gettysburg College; A.M., PH.D., University of Pennsylvania.
- JOHN B. ZINN 201 W. Broadway  
*Ockershausen Professor of Chemistry*  
B.S., Gettysburg College; PH.D., The Johns Hopkins University.
- ROBERT FORTENBAUGH 150 W. Broadway  
*Adeline Sager Professor of History*  
A.B., Gettysburg College; Graduate, Lutheran Theological Seminary, Gettysburg; A.M., Syracuse University; PH.D., University of Pennsylvania.
- CLAYTON E. BILHEIMER 109 W. Broadway  
*Professor of Physical Education*  
M.E., Lehigh University; A.M., Columbia University.
- WILLIAM C. WALTEMYER 251 Springs Ave.  
*Amanda Rupert Strong Professor of English Bible*  
A.B., Gettysburg College; B.D., Gettysburg Theological Seminary; A.M., PH.D., American University.
- ALBERT BACHMAN 325 N. Stratton St.  
*Professor of Romance Languages*  
PH.D., University of Zurich; Agrégation, University of Zurich; PH.D., Columbia University.

- JOHN G. GLENN 27 E. Lincoln Ave.  
*Pearson Professor of Latin*  
A.B., A.M., *Wesleyan University*; PH.D., *Princeton University*.
- GEORGE R. MILLER R. D. #2  
*Salm Professor of Physics*  
B.S., M.S., *Gettysburg College*; PH.D., *University of Michigan*.
- EARL BOWEN 34 E. Lincoln Ave.  
*Dr. Charles H. Graff Professor of Biology*  
A.B., *Hendrix College*; A.M., PH.D., *Harvard University*.
- WILLIAM K. SUNDERMEYER 239 W. Lincoln Ave.  
*Professor of German*  
PH.D., *University of Goettingen*.
- WILLIAM FREDERICK SHAFFER 243 N. Washington St.  
*Franklin Professor of Greek*  
A.B., A.M., PH.D., *Princeton University*.
- NORMAN E. RICHARDSON, JR. 45 E. Lincoln Ave.  
*William Bittinger Professor of Philosophy*  
A.B., *Amherst College*; B.D., *Yale Divinity School*; PH.D., *Yale University*.
- KENNETH L. SMOKE 249 N. Washington St.  
*Professor of Psychology*  
A.B., A.M., PH.D., *Ohio State University*.
- GEORGE S. WARTHEN 35 W. Broadway  
*Graeff Professor of English*  
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A.B., *St. Olaf College*; M.S.M., *Union Theological Seminary*; B.D., *Gettysburg Theological Seminary*; A.M., *New York University*.
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- MILTON L. STOKES 231 E. Lincoln Ave.  
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A.B., A.M., LL.B., *University of Toronto*; PH.D., *University of Pennsylvania*.
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B.S., *Gettysburg College*; A.M., *Haverford College*; PH.D., *Princeton University.*
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B.S., *Gettysburg College*; A.M., *Columbia University.*
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PH.B., *Brown University*; A.M., *Columbia University.*
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*Associate Professor of German*  
A.B., *University of Western Ontario*; A.M., PH.D., *Columbia University.*
- HERBERT G. HAMME 4 W. Confederate Ave.  
*Associate Professor of Romance Languages*  
A.B., *Dickinson College*; A.M., *Gettysburg College.*
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B.S., M.S., PH.D., *University of Maryland.*
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- WILLIAM D. HARTSHORNE, JR. R. D. #3  
*Associate Professor of Romance Languages*  
A.B., A.M., *Haverford College*; *Diplôme de Professeur de français à l'étranger, Université de Toulouse.*
- EARL E. ZIEGLER 48 South St.  
*Associate Professor of Mathematics*  
B.S., M.S., *Gettysburg College.*
- HAROLD A. DUNKELBERGER 512 Carlisle St.  
*Associate Professor of Bible*  
A.B., *Gettysburg College*; B.D., *Lutheran Theological Seminary*; PH.D., *Columbia University.*
- DOROTHY G. LEE ✓ Hanson Hall  
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A.B., *Geneva College*; A.M., *Syracuse University.*

- CLYDE H. COLE Ridge Ave.  
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B.S., M.Ed., *Pennsylvania State College.*
- ANGEL FRANCO 33 Queen St.  
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A.B., A.M., *University of Puerto Rico.*
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*Assistant Professor of German*  
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*Assistant Professor of Psychology*  
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Ph.D., *University of Frankfurt.*
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A.B., *Ursinus College.*
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*Assistant Professor of Physical Education*  
A.B., *Gettysburg College*; M.S., *University of Pennsylvania.*
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*Assistant Professor of Economics*  
A.B., *Columbia University*; M.S., *Columbia School of Business.*
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*Assistant Professor of Air Science*  
B.S., *United States Military Academy.*
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- RICHARD SCHUBART 135 West Broadway  
*Assistant Professor of Philosophy*  
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*Instructor in Music*  
*Peabody Conservatory of Music.*
- EDWARD K. STIPE Fairfield Rd.  
*Instructor in Bible*  
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*Instructor in English*  
A.B., *University of Oregon.*
- ARTHUR L. EVES 227 Carlisle St.  
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A.B., *Franklin and Marshall College.*
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A.B., *Gettysburg College*; B.D., *Lutheran Theological Seminary.*
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*Instructor in English*  
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*Instructor in Military Science*

- ALLEN C. PERCIVAL 167 E. Middle St.  
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*Instructor in Physical Education*  
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*Instructor in Biology*  
A.B., *Gettysburg College.*
- WILLIAM E. EISENHART 31 West Water St.  
*Instructor in Biology*  
A.B., *Gettysburg College.*

- DONALD GALLION 41 Hanover St.  
*Instructor in Bible*  
 A.B., Gettysburg College.
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 A.B., Gettysburg College.
- BERTRAM HANNA 109 Springs Ave.  
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*Instructor in Music*  
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- CHARLES RAITH Lincolnway East  
*Instructor in Political Science*  
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*Instructor in English*  
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 A.B., Gettysburg College.
- FRANKLIN J. HOLMES Washington, D. C.  
*Instructor in Voice*  
 Peabody Conservatory of Music.
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*Instructor in Military Science*
- ROSE ZITA GAINES 125 West Broadway  
*Assistant in Biology*  
 A.B., Gettysburg College.

# Administrative Offices and Assistants

---

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ROBERT B. RAU

Campus

*Assistant to the President*

A.B., Gettysburg College; Graduate, Lutheran Theological Seminary, Gettysburg.

## Office of the Dean

MILDRED H. HARTZELL

KATHRYN E. BUCHER, JANET McSHERRY

*Secretary to the Dean*

*Stenographers*

B.S., Gettysburg College.

## Office of the Registrar

RUTH S. GROFT

MARY LEEDY, ELIZABETH CALLAHAN

*Secretary to the Registrar*

*Stenographers*

## Office of the Dean of Women

THELMA BENDER

*Secretary to the Dean of Women*

## Alumni Office

ROSEA B. ARMOR

*Secretary to the Alumni Secretary*

## Library

LOUISE F. CHANDLER

*Assistant Librarian*

A.B., Wheaton College.

B.S., Simmons College.

JOHN SHELDON

*Assistant Librarian*

B.S., Wilmington College.

B.S. L.S., Western Reserve University.

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110 Chambersburg St.

*Medical Director Emeritus*

M.D., Medico Chi College.

JOSEPH J. BAKER

111 Baltimore St.

*Medical Director*

A.B., Gettysburg College; M.D., Temple University.

PATRICIA WASSON, R.N.

DORIS ARNFIELD, R.N.

PEGGY HILL, R.N.

*Nurse*

*Nurse*

*Nurse*

## Consulting Engineer

GEORGE R. MILLER, PH.D.

R. D. #2

*Superintendent of Building and Grounds*

GEORGE R. LARKIN, A.M.

315 N. Stratton St.

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EDWARD K. STIPE, B.D.

Fairfield Rd.

*Chaplain*

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*Secretary to the Chaplain**Gymnasium*

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*Business Manager of Huber Hall*

ROBERT L. SHRYOCK

*Manager of the College Book Store**Head Residents*

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LORETTA U. DEATRICK

*Stevens Hall*

WINIFRED E. CAMPBELL

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*Phi Gamma Delta Fraternity*

RUTH E. KOSER

*Phi Delta Theta Fraternity*

JULIA R. AUGUSTINE

*Lambda Chi Alpha Fraternity**Office of Military Science and Tactics*

W.O.J.G. JACOB VERNIEL, CAC (RA)

*Administrative Assistant*

# Committees

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## *Faculty Committees*

### *Absences*

TILBERG, AHRENS, BARTHOLOMEW, RILEY

### *Admissions and Advanced Standing*

WOLFE, DUCK, LEE, TILBERG

### *Bulletins*

WOLFE, ARMS, CESSNA, DUCK, GLENN, MASON, WARTHEN,  
WOLFINGER

### *Chest Fund*

FORTENBAUGH

### *Class Schedules*

TILBERG, COLE, JOHNSON, PEDDY, SLOAT, WOLFE, ZIEGLER

### *Commencement Programs*

SMOKE, BILHEIMER, BOLICH, BREAM, JOHNSON, KRAMER, WAGNILD,  
WARTHEN, ZIEGLER

### *Curriculum*

FORTENBAUGH, BILHEIMER, BOWEN, GLENN, RICHARDSON, SMOKE,  
STOKES, SUNDERMEYER, TILBERG, WARTHEN

### *Discipline*

WALTEMYER, BREAM, LEE, TILBERG, ZIEGLER

### *Finance of Student Organizations*

ZINN, FORTENBAUGH, LARKIN, LEE, SALTZER

### *Freshman Advisers*

JOHNSON, AHRENS, BARTHOLOMEW, BLOOM, BOLICH, HAMME,  
HAYWARD, KILMER, LEE, PERCIVAL, RILEY, SALTZER, STIPE,  
WEILAND, WOLFINGER, ZIEGLER

### *Freshman Dormitory*

HAYWARD, BREAM, DUCK, JOHNSON, STIPE, TILBERG, WOLFE

*Guidance*

SMOKE, DUCK, HAYWARD, LEE, TILBERG, WOLFE

*Health*

BOWEN, BAKER, BILHEIMER, LEE, TILBERG

*Insurance—Hospitalization*

ZIEGLER, JOHNSON, RAU

*Library*

GLENN, HARTSHORNE, KNICKERBOCKER, SUNDERMEYER

*Literary Advisers for College Publications*

WARTHEN, MASON, TAYLOR

*Music*

WAGNILD, BOLICH, SHAFFER, STIPE

*Pre-Medical*

TILBERG, BOWEN, MILLER, ZINN

*Scholastic Standing*

TILBERG, BACHMAN, LEE, SHAFFER, WEILAND

*Social Functions*

TILBERG, FRANCO, KRAMER, LEE, PEDDY

*Student Organizations*

LEE, GLENN, HARTSHORNE, LANGERHANS, MESSER

*Student Teachers*

KRAMER, BILHEIMER, FORTENBAUGH, MILLER, WARTHEN, ZINN

*Subfreshman Activities*

BILHEIMER, BREM, CESSNA, JOHNSON, LEE, TILBERG, WAGNILD,  
WALTEMYER, WOLFE

*Student-Faculty Committees**Activities*

PARTIKIAN, CHRIST, ROWLAND; MASON, STUART

*Class Activities*

ROGERS, BAILEY, EMLET; RICHARDSON

*Campus Improvement*

SEITZINGER, BAILEY, SCHWARZ; KRAMER, LARKIN

*Campus Recreation*

R. YOST, LEIBFRIED, FUHRO, STERRETT; HAMME

*Curriculum*

SODEN, BAILEY, FUHRO

*Customs and Traditions*

STERRETT, OBERKEHR, PARTIKIAN, ROGERS, LIPPINCOTT; STIPE, ZIEGLER

*Discipline*

SODEN, YOST, ROGERS, LEIBFRIED, FUHRO; BREAM, LEE, TILBERG, WALTEMYER, ZIEGLER

*Social Committee*

R. YOST, LEIBFRIED, FUHRO, STERRETT; HAMME, LEE, STIPE, PEDDY, TILBERG, WAGNILD

*Student Chest Fund*

SODEN, SNOOK, SEITZINGER, FUHRO; FORTENBAUGH

*Student Government*

SNOOK, WELSH, DETWILER, HAMME, SCHWARZ; CRAPSTER, SALTZER, ZINN

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*Faculty Representatives*

CLAYTON E. BILHEIMER, WILBUR E. TILBERG, EARL E. ZIEGLER, *Secretary*

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# *History of the College*

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Gettysburg College, like most of the older liberal arts colleges of the United States, was founded under church auspices. It is the oldest Lutheran college in America, its charter having been granted April 7, 1832. One of the primary objects of its founders was to prepare young men for admission to the theological seminary already established in Gettysburg. That purpose has never been forgotten; a number of the graduates of each year's class enter the ministry of the church. A majority of its faculty and students are Lutherans, but many are of other religious faiths.

The name of the College was originally "Pennsylvania College of Gettysburg." The name was changed in 1921 to "Gettysburg College."

In its earliest days, the College was housed in a single building, now used as a private residence, at the corner of Washington and High Streets. It received from the State a grant of \$18,000, but had no endowment. The first building erected on the present campus was Pennsylvania Hall, the "Old Dorm." The physical equipment of the College now includes twenty buildings, valued at more than \$2,000,000; the student enrollment has increased from sixty-three to twelve hundred; the original staff of five professors has grown to a faculty of about ninety; enrollment in the Women's Division is now two hundred. During the past twenty years, the resources of the College have been increased by more than a million dollars in endowment and buildings. Among the buildings constructed within this period are the Library, the Breidenbaugh Science Hall, and the Eddie Plank Memorial Gymnasium. The area of the campus has been increased to one hundred acres.

The educational services and academic reputation of Gettysburg College have kept pace with its material progress. It is fully accredited by all the important agencies; since 1923 it has had a chapter of Phi Beta Kappa. The College has contributed to American society leaders in many occupations. A recent study of the list of its graduates showed the following occupational distribution: 1,599 clergymen and 51 missionaries of the Christian religion; 1,030 school teachers, 438 college teachers, and 58 college presidents; 408 lawyers and 17 judges; 564 physicians and 68 dentists; 208 engineers and 199 scientists; 1,625 business men, and more than 2,000 graduates in other unclassified occupations.

During the recent war, more than 1,600 alumni served in the armed forces, of whom upwards of seventy-five per cent were commissioned officers. The principal reason for its military distinction is that Gettysburg College has the oldest Reserve Officers' Training Corps unit in a private college. Since its establishment in 1916, the R.O.T.C. at Gettysburg, in addition to providing basic military training for some 2,000 men, has granted commissions to more than 400 graduates who have completed the advanced course. For two years of the war period, the College served as a preliminary training school for the Army Air Forces; nearly 2,000 young men completed the program and went on to higher training schools or directly into the service. To the R.O.T.C. course, which has been re-established upon a new basis, there has been added an air unit.

Gettysburg College is grateful for the opportunities that it has had to contribute to the leadership of the country in the past, and is ready to take up with confidence the responsibilities of the days to come.

# *Educational Objectives of Gettysburg College*

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One of the most important problems confronting the prospective student is the choice of a college where he will spend four of the most important years of his life.

Undergraduate education should, at all times, be considered as a course of preparation which will promote clean living and high thinking. A worthwhile college education should prepare one to meet the problems of life with courage, insight, and patience. At least four things are to be sought: *First*, the student should be introduced to a larger world. His college training should assist him in the realization of a framework for his own life which will challenge his best. *Second*, in the course of four years of self-exploration, a student should be able to find the area of service in which to spend his life. *Third*, a student should be introduced to the great characters and the great books that have contributed to our civilization ideas and ideals of real worth. In this comradeship he should himself be inspired to dedicate his life to creative achievement. *Fourth*, a student's preparation for life is adequate only if it includes spiritual elements.

Gettysburg College seeks to reach these objectives in its approach to the training of youth. It believes that Christian ideals must underlie all phases of the development of youth. Recognition of these objectives means that *development of character becomes the basic aim of our entire campus program.*

There are certain things which Gettysburg College regards as essential to a sound education:

- the habit of accurate observation;
- the building of standards of judgment and self-measurement;
- a comprehensive grasp of modern problems as related both to cultural and personal obligations;
- a basic understanding of the major principles that underlie success in the vocation of one's choice;
- power to participate understandingly and creatively in the life of one's community and country;
- sensitiveness in the appreciation of human values.

These things are fundamental in any life that seeks to find happiness and wide service in the world.

The achievement of a certain type of character has always been the distinct contribution of the small independent or church-related college. The purposes of Gettysburg College have always been reflected in its faculty and in its campus life. The limited enrollment and carefully selected faculty have been, for more than a hundred years, highly contributing factors.

A college campus needs much more than courses, classrooms, books, and adequate time, if it is to achieve its goal. It must foster the student's ability to work—both alone and with his fellow students. It must offer opportunity for students to put into actual practice some of the things which they have learned in the classroom. The extra-curricular activity program of Gettysburg College offers wide opportunities for the gaining of this practical experience. Fraternity and sorority life, varsity and intramural sports, work with various publications and dramatics, the organizing of social events, lectures and religious programs, requirements for regular physical exercise—all of these serve to supplement the classroom work by bringing student and student, student and teacher, together on an informal basis.

The college campus is not an isolated, self-sufficient community. Students come from their homes for a definite purpose. Students will return to their homes and communities. Gettysburg College, therefore, in all its actions and planning is conscious of its responsibility to these larger communities of town, state, nation, and world.

A college, after all, is not to be judged by the size of its buildings, the excellence of its faculty, the attractiveness of its campus. The products of the college can not be evaluated on Commencement Day when happy hands receive a diploma bearing the insignia of the institution. The final test of the value of an education is what becomes of its students when they have been called upon to meet the long, hard grind of the dusty highway—when they have confronted the problems of life, the disappointments, the headaches and heartaches. Are they able to carry on courageously and creatively?

Any education which does not prepare one to meet all of the issues of life and emerge from them with a stout heart and cheerful Christian outlook upon life is an education that falls short.

To a higher type of education, Gettysburg College faithfully dedicates its entire resources.

## *The New Building Program*

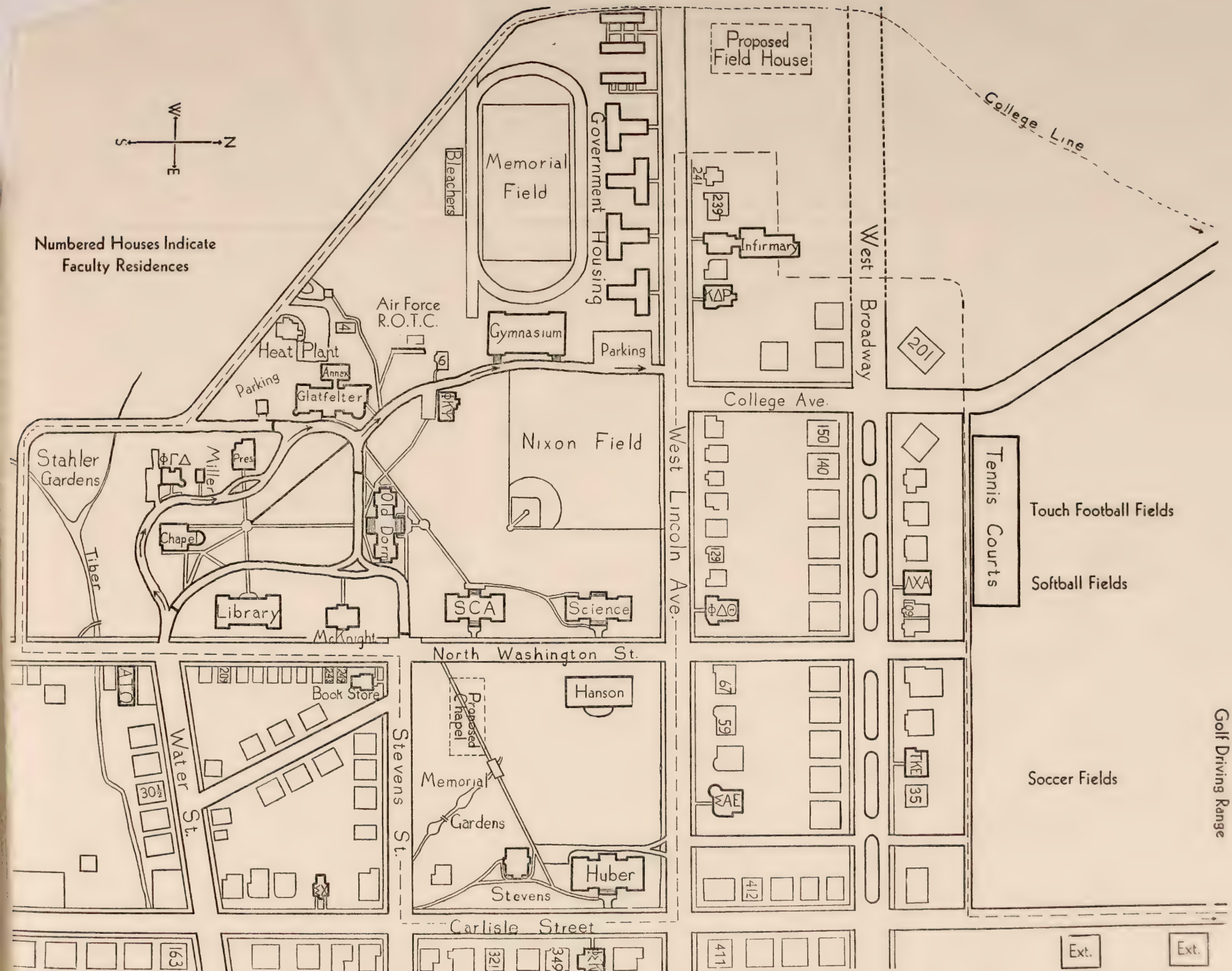
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Despite the growth mentioned in the "History" on the preceding pages, the College is now confronted with the need for further enlargement of its facilities to meet the needs of a greatly increased enrollment. It is impossible to admit all those who wish to enter college. Yet Gettysburg College is deeply conscious of the obligation to provide education for as many qualified applicants as possible, and continues to adapt her facilities to the discharge of this obligation.

A recent campaign for funds to continue the building program has met with a very generous response. Subscriptions far exceed the amount set as a goal. A new girls' dormitory, dedicated in honor of President and Mrs. Henry W. A. Hanson, was opened for occupancy in the fall of 1950. The Board of Trustees further authorized the erection of the long-awaited new chapel; the enlargement and renovation of Brua Chapel for the use of the Music Department and the campus dramatic organizations is now in progress; and plans for an administration and classroom building, and a field house are under consideration.



Numbered Houses Indicate  
Faculty Residences





## *Buildings and Facilities*

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THE LIBRARY contains about sixty thousand volumes, including essential reference works, and a serviceable collection of pamphlets, periodicals, and pictures. A number of valuable gifts of books have been received over the years, funds are available to meet the special needs of each department, and the general collection is being constantly increased.

The present building, Georgian in style, was opened to the students in the fall of 1929. It has a book capacity of one hundred thousand volumes and a seating capacity of three hundred readers. It contains reference and general reading rooms, seminar rooms, ample stack space, and accommodations for the library staff.

The Faculty has issued certain regulations governing the use of the library with which all readers are requested to comply.

GLATFELTER HALL, erected in 1888-'89 and named in honor of the late P. H. Glatfelter of Spring Grove, Pennsylvania, a former trustee, was extensively remodeled in 1929 by means of a generous gift from a friend of the College. Steel replaced much of the wood in the original structure, floors of cork tile over reinforced concrete were installed, and the corridors were refinished with wrought iron, terrazzo, and marble. The classrooms were equipped with new blackboards, bulletin boards, and movable chairs; rest rooms were provided; and new lighting and heating fixtures were installed. The building is fire-resistive throughout; and its interior presents a very modern appearance.

The first floor of Glatfelter Hall is occupied by the College Administration, the Office of Guidance, the Departments of Mathematics, Latin, German, and Psychology. The Departments of Bible, History, Philosophy, Greek, English, and Romance Languages have their offices and classrooms on the second floor. On the third are the Departments of Political Science and Economics, Education, and Biology. Classrooms of the Department of Military Science and Tactics are in the basement.

The Biological Laboratories, in Glatfelter Hall, are equipped with carefully selected materials and apparatus necessary for both the elementary and the advanced courses in the biological sciences. Three laboratories, a lecture room, a reading room, stock and preparation rooms, and the departmental office are located on the third floor. In the basement are two laboratories and a room adapted for storage and for the keeping of living plants and animals.

The reading room of the Biology Department is provided with current biological journals and essential reference works, to which additions are continually being made. This room is also used for the meetings of the Seminar and other small groups. The lecture room is provided with apparatus for the projection of opaque plates, films, and slides and for microprojection. Dark-room facilities are available in the Department.

BREIDENBAUGH SCIENCE HALL, a large brick building of colonial design on North Washington Street, is occupied by the departments of Chemistry and Physics. It contains a well-lighted basement, two upper floors, and a large attic. The part of the building devoted to Chemistry consists of a large lecture room, three smaller classrooms, six laboratories, two offices, a reading room, a balance room, a preparation room, and storage space on all three floors. The part of the building devoted to Physics contains a large lecture room, four large laboratories, a photographic dark room, a photometer room, a store room, three apparatus rooms, a shop, and an office. The building and its equipment are well adapted to the teaching of fundamental Chemistry and Physics.

The Chemical Laboratories occupy the north and central portions of Breidenbaugh Science Hall. General, qualitative, quantitative, organic, and physical chemistry have large separate laboratories and stock rooms amply equipped with essential apparatus, supplies, and conveniences. There is special apparatus for organic and food analysis, chemical analysis of water, chemical microscopy, and glass blowing, and a dark room for polarimetry, spectroscopy, and photography.

The departmental library, also in Breidenbaugh Hall, contains over five hundred volumes covering nearly all the different branches of chemistry, and new books are constantly being added. The department subscribes to some twenty-five scientific periodicals including the *Journal of the American Chemical Society*, *Chemical Abstracts*, the *Decennial Indices*, and a number of French and German publications.

The Physical Laboratories, in the south part of Breidenbaugh Science Hall, are equipped with selected modern apparatus for elementary and advanced laboratory work and lecture demonstrations. Equipment is available for work in advanced mechanics and the determination of elastic moduli; mechanics of rotation and moments of inertia; equilibrium of forces; experimental work in magnetism and electricity; and the study of the laws of heat, gas, and light. The general apparatus also includes an oil-immersed rotary-type high-vacuum pump, a mercury diffusion pump, high-grade precision balances, and a cathetometer. Direct current is supplied at various points by means of a central switchboard and a

storage battery; portable sub-stations are available for alternating current. Notable among recent acquisitions are a "Paschen Mounting" spectrograph, for use in atomic studies, and a 7.5 K.W. (15,000 volts at 0.5 amperes) D. C. Power Supply for electronics.

The Physical Laboratory also contains a shop equipped with precision tools for the construction of special apparatus.

The departmental library is well provided with books on elementary and advanced laboratory experiments and technique, as well as books in the field of general Physics. Carefully selected publications are added each year.

BRUA CHAPEL, erected in 1889-'90, is a memorial to the parents of the late Col. John P. Brua, U.S.A. The building is used for daily assembly, lectures, concerts, and other occasions requiring a large auditorium.

The Board of Trustees recently authorized the enlargement and renovation of Brua Chapel for the use of the Music Department and the dramatic organizations. The Woman's League of Gettysburg College has announced a very generous gift in support of this new step in the building program.

THE EDDIE PLANK MEMORIAL GYMNASIUM, a large Georgian structure, fulfills the functions of a gymnasium, social hall, armory, and auditorium. The lower floor is occupied by the rifle range and other facilities of the R.O.T.C., locker and dressing rooms, showers, and the living quarters of the custodian. On the main floor are the gymnasium proper, a theatrical stage, and the offices of the Department of Physical Education. The Department of Military Science and Tactics occupies offices on the upper floor.

ROBERT WEIDENSALL HALL, a colonial brick structure on North Washington Street, is the home of the Student Christian Association. The original building was erected in 1923 by the Woman's League of Gettysburg College and named in honor of Robert Weidensall, LL.D., Class of 1860, a pioneer in the work of the Y.M.C.A. In the reconstruction which followed the fire of 1946 it was greatly enlarged, and it now contains a large central hall, an auditorium, a tiled swimming pool, practice rooms for students of music, a lounge for students who are members of no fraternity, recreation and browsing rooms, and the offices of the S.C.A., the Chaplain, the Alumni Secretary, the *Gettysburgian*, and the Department of Music.

PENNSYLVANIA HALL, "Old Dorm," erected in 1836-'38 and used as a hospital during the famous battle, was remodeled and improved in 1889, and again in 1925. It contains eighty-five rooms for students,

many of them *en suite*, so that those who desire may have separate study and sleeping rooms.

McKNIGHT HALL, erected in 1897 and named in honor of Harvey W. McKnight, fourth President of the College, is a three-story dormitory accommodating about fifty students. In the summer of 1949 the interior of this building was completely renovated.

HUBER HALL, a building of colonial design fronting on Carlisle Street, provides administrative, dormitory, and recreational facilities for women students, and cafeteria service for students of both sexes. The first floor contains a recreation room and living quarters for a number of students. The second, or main floor contains a large dining hall and modern sanitary kitchen and the office of the Dean of Women. On the third floor are rooms for students.

STEVENS HALL, also on Carlisle Street, has recently been completely refurbished by the Woman's League for the use of women students. There are accommodations for forty-nine girls, an apartment for the housemother, and a living room.

AUGHINBAUGH HALL, a large residence on Springs Avenue, accommodates twenty girls and a housemother. There is a kitchen in which resident students may prepare breakfast.

HANSON HALL, a new dormitory which accommodates about one hundred girls, was opened for occupancy in the fall of 1950, and dedicated in honor of President and Mrs. Henry W. A. Hanson.

THE INFIRMARY, on West Lincoln Avenue, provides for the isolation of contagious diseases, as well as the usual medical services. It is served by three resident nurses, under the supervision of a medical director and a Faculty committee.

The COLLEGE BOOK STORE, adjacent to the campus on Stevens Street, dispenses textbooks, accessories, and light refreshment. It is owned and administered by the College.

ADDITIONAL BUILDINGS are the President's home, three houses erected by Greek-letter societies, the janitor's home, certain temporary buildings (described below), and the heating plant. All these are located on the central campus.

OSOGA LODGE, a rustic cabin at Laurel Lake, some twenty miles north of Gettysburg, is available to student groups under proper supervision.

In 1946, to accommodate the influx of students from the armed forces, the College and the Federal Housing Authority erected seven temporary dormitories just north of Memorial Field. Four of these buildings, connected with the central heating plant of the College, accommo-

date two hundred unmarried men. In the three others, six four-room apartments and four three-room apartments, separately heated, are available to married students. These are all one-story buildings.

A temporary building, obtained from the Army in 1947 and formerly operated as a recreation center by the Student Christian Association, now serves as headquarters for the Department of Air Science and Tactics.

Two similar buildings, attached to Glatfelter Hall, provide four auxiliary classrooms.

### *Athletic Fields*

MEMORIAL FIELD, lying west of the Eddie Plank Memorial Gymnasium, is a combination football and track field.

NIXON FIELD, a seven-acre area lying east of the Gymnasium, contains the baseball diamond.

Other playing surfaces, some on the central campus and others on College land north of Broadway, are available for tennis, soccer, hockey, archery, golf and football practice, and softball.

# College Expenses

## Tuition and General Fees

A Registration Fee of ten dollars is required of all students on entering the College for the first time and is payable to the Registrar.

The annual charge for tuition is \$450 and may be paid in two installments, \$225 being due at the beginning of each semester. This charge is made for instruction; lectures; upkeep and use of grounds and buildings (does not include dormitory room rent); use of library, reading rooms, gymnasium and swimming pool; health and sanitation service. Any student pursuing studies which total less than ten semester hours must pay fifteen dollars tuition per semester hour.

Each student is required to pay the following yearly fees:

Athletic fee.....	\$25.00
Student Chest fee (see page 63).....	15.00
Health fee (see page 55).....	10.00

## Laboratory Fees

	1ST SEM.	2ND SEM.	BREAKAGE DEPOSIT PER SEM.
Biology 1, 8, 11, 13.....	\$10.00	\$10.00	
Biology 2, 4, 6.....	10.00		
Biology 3, 5, 7.....		10.00	
Chemistry 1.....	10.00	10.00	\$3.00
Chemistry 2a and 2b, 4.....	10.00	10.00	5.00
Chemistry 5.....	10.00	10.00	
Education 11.....	10.00	10.00	
Physics, 1, 102, 3, 10.....	7.50	7.50	
Shorthand or typewriting.....	15.00	15.00	
Voice or piano lessons.....	24.00	24.00	
Organ lessons.....	40.00	40.00	
Organ rental.....	10.00	10.00	

In addition to these fees a charge is made for apparatus broken or not returned in good condition.

*Yearly Room Rents*

Aughinbaugh Hall.....	\$120.00
Federal Housing Units—Rooms.....	90.00
Federal Housing Units—Apartments for families.....	250.00–260.00
Hanson Hall.....	150.00
Huber Hall.....	120.00
McKnight Hall.....	120.00
Pennsylvania Hall (Old Dorm).....	120.00
Stevens Hall.....	120.00
Rooms in private homes.....	120.00–225.00

*Board*

College Cafeteria.....	370.00
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*Estimated Cost of a Year in College*

The expenses of a student depend largely on his tastes and habits, his place of residence, and the course he follows.

Hence the following tabulation does not include laboratory fees, laundry, Post Office box fee (\$2) for all men dormitory students, graduation and diploma fee (\$5), and personal expenses, such as clothing, spending allowances, fraternity dues, and transportation.

## YEARLY EXPENSES

	MINIMUM	LIBERAL
Tuition.....	\$450.00	\$ 450.00
Athletic Fee.....	25.00	25.00
Student Chest.....	15.00	15.00
Health Fee.....	10.00	10.00
Board.....	335.00	370.00
Room.....	90.00	200.00
Books and Stationery (estimated)....	25.00	50.00
Estimated total cost for college year..	\$950.00	\$1120.00

*Payment of Bills*

The bills of the College Treasurer are made out for each semester and include half of each item for the College year. The bill for tuition, student chest, health fee, athletic fee, laboratory fees and board (for those who take meals at the College Cafeteria) is payable in advance at the beginning

of each semester. Veterans under Public Laws 16 and 346 may assess such charges for tuition, books, and fees to the Veterans Administration as may be legally charged to that agency.

No student will be graduated until all financial obligations to the College and for class publications and other student interests have been discharged. Certification of College record or statement of honorable dismissal will not be made until all financial obligations have been met.

No student will be permitted to take the semester examinations unless all bills have been paid.

# *Admission of Students*

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The needs of the larger community in which the College exists are such that it is desirable to make available to as many as possible the benefits of a liberal arts education. Gettysburg College has been sensitive to these needs and has increased its enrollment as much as it has considered wise in order to meet the demand. At the same time, however, the College has kept in mind its belief that such an education can best be achieved in a small college atmosphere. In the firm conviction that it will be of most service if it maintains its character as a small church-related school, the College has stated requirements for admission. It is hoped that they will enable the College to select as students those young people who will contribute to and benefit from the College community in the highest degree. While the academic requirements are perhaps most important, the College hopes to attract students who have varied interests and abilities.

## *Application for Admission*

A student desiring to enter Gettysburg College from high school should secure an "Application for Admission" form from the Office of the Dean of Admissions. After the student has supplied the information called for on pages three and four of that form, he should ask the proper authorities of his high school or preparatory school to complete pages one and two and forward it to the Admissions Office. There is no application fee. Regulations governing admission of applicants who have attended another college are stated in full in the section, "Admission with Advanced Standing."

Applications are receivable any time after the student has completed the Junior year in high school. The Dean of Admissions may make tentative reservations for applicants with exceptionally good qualifications, but the *Committee on Admissions* takes no official action until the mid-year Senior grades have been presented. It is the responsibility of the applicant to furnish an official record of all work completed after the "Application for Admission" has been presented.

## *Requirements for Admission*

Every student is asked to meet the following minimum requirements. From among those who meet these requirements, those best qualified for work at Gettysburg College are selected for matriculation.

1. Evidence of good character and acceptable social habits.
2. Graduation from and recommendation by an approved secondary school with completion of 16 regular units or 15 Carnegie Units of work distributed as follows:

	YEARS
<i>Required:</i>	
English . . . . .	4 <sup>1</sup>
Elementary Algebra . . . . .	1
Plane Geometry or Intermediate Algebra . . . . .	1
<i>Recommended:</i> <sup>2</sup>	
Natural Science . . . . .	2
History . . . . .	2
Foreign Language . . . . .	2
<i>Optional</i> (in addition to above):	
Mathematics . . . . . maximum of . . . . .	2
Natural Science . . . . . " " . . . . .	2
History or Social Science . . . . . " " . . . . .	2
Foreign Language . . . . . " " . . . . .	4
General electives (in subjects not listed above) . . . . .	3 <sup>1</sup>

3. Clear evidence of ability and preparation to pursue college work successfully. (See the following section, "Methods of Admission.")
4. Application for admission made in approved form to the Dean of Admissions. (See the preceding section, "Application for Admission.")

### *Methods of Admission*

Students may be admitted either by certification from an approved secondary school, or by College Entrance Examination Board, or by a combination of both. Applicants who rank in the upper two-fifths of their classes may be admitted without examination. The *Committee on Admissions*

<sup>1</sup> With the exception of these numbers, all references to a year's work also indicate a Carnegie Unit. The four years of English are equivalent to three Carnegie Units.

<sup>2</sup> In addition to the general recommendations for all prospective students, the following special ones should be noted:

Those students who plan to major in either physics or chemistry should, if possible, take the optional courses in mathematics and natural science.

Students who plan to major in a foreign language should have at least two years of preparation in each of two foreign languages.

notifies applicants whether or not they are eligible for admission without examination after the receipt of their "Application for Admission." The College recommends that any applicant who ranks lower than the upper two-fifths of his class plan to take the tests of the College Entrance Examination Board as early as possible during the Senior year of high school.

The College will cooperate with high schools in recognizing Educational Development Tests and United States Armed Forces Institute Examinations for applicants whose education has been interrupted by service in the armed forces. General Educational Development Tests and Veterans Administration guidance tests are acceptable substitutes or complements for those of the College Entrance Examination Board under certain circumstances as determined by the *Committee on Admissions*.

### *Admission with Advanced Standing*

A student who has attended another college is eligible to transfer to Gettysburg College if he is entitled to an honorable dismissal without social or academic probation. A transfer student must present an official transcript from any or all colleges or universities attended, as well as the official "Application for Admission" form showing the high school record. Former students may transfer credits from other institutions under the same conditions granted to new students.

Transfer credits are granted for work done with a grade of *C* or better in approved colleges and universities if the courses taken fit the curriculum to be followed at Gettysburg. All academic credit for courses transferred is granted tentatively until the student has satisfactorily completed one year of work at Gettysburg College. All transfer students must meet the course requirements demanded of all members of the class into which they transfer.

A student admitted as a Sophomore after one year of residence at another college must complete at least *ninety* academic hours to meet the requirements for graduation. In addition, he must meet the Sophomore requirement in physical education or military science and all general requirements imposed upon all other members of the Sophomore class. A student admitted as a Junior after two years of residence at another college must complete at least *sixty* academic hours at Gettysburg College to meet the requirements for graduation and meet all general requirements imposed upon all other members of the Junior class. A student, regardless of credit grants or years of residence at another college, must complete at least *thirty* semester hours at Gettysburg and one full year of residence to receive a degree from Gettysburg College.

All transfer students entering as Freshmen or first semester Sophomores shall be required to take General Education 1 and 2. All transfer students entering as second semester Sophomores, or first semester Juniors, shall be required to take General Education 2. Requests for exemption from General Education 1 and 2 shall be referred to the *Curriculum Committee*.

No credit is granted for extension courses, correspondence courses, or courses in non-accredited institutions.

### *Admission at the Beginning of the Second Semester*

A limited number of Freshmen and transfer students are admitted at the beginning of the second semester. Methods and requirements for admission are the same as for those entering at the beginning of the regular school year in September.

### *Admission to the Summer Session*

Students who are candidates for degrees at Gettysburg College are admitted to the term beginning in June under the same methods and requirements as those which apply to students entering in September.

Students who are candidates for degrees from other colleges may enter the Summer Session upon the certification of the Deans of those institutions that the applicants are *bona fide* students in the institutions and that the courses taken at Gettysburg College will be transferred if they are passed with certifying grades.

Others applying for admission to the Summer Term *only* may be accepted upon presentation of official evidence of preparation to meet the regular admissions requirement. A special admissions form is available from the Admissions Office.

### *Admission Fees*

Upon acceptance each new student must pay ten dollars to the Registrar as a Registration Fee and ten dollars to the Dean as a Reservation Fee.

The Registration Fee is not refundable under any circumstances. No fee is assessed for subsequent registrations. The payment of this fee entitles each student to one official transcript of his College record without charge.

The Reservation Fee is retained in the Dean's Office for subsequent semesters and as damage deposit against possible breakage or loss of

College property. It is refundable when the student graduates if no charges are assessed against him. A student forfeits his Reservation Fee if he withdraws from College during the semester.

New students who decide not to matriculate may claim the Reservation Fee by notifying the Dean sixty days before the beginning of the semester for which they have been accepted.

### *Institutional Rating*

Gettysburg College is on the accreditation lists of the Association of Colleges and Secondary Schools of the Middle States and Maryland, the Board of Regents of the State of New York, the Department of Public Instruction of Pennsylvania, and others. It is a member of the National Committee on Accreditation.

Approval by the American Medical Association, membership in Phi Beta Kappa and in the American Chemical Society, listing in the Good Housekeeping series on small colleges, and approval by other similar organizations are additional indications of good standing.

This rating means that credits granted by Gettysburg College are accepted at face value by other colleges, universities, and graduate and professional schools.

# *Registration*

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## *The Registration System*

Gettysburg College combines Registration and Course Advisement. Students register for both semesters of the regular academic year and for both terms of the Summer Session. There is no formal registration between semesters or terms, but provision is made for course adjustment and for the registration of new students.

## *Registration of Old Students*

The Tuesday before the second-semester examinations is set aside for the Spring Registration. Students report in alphabetical order as assigned by the Registrar—Juniors in the morning, Sophomores in the afternoon, and Freshmen in the evening—for preliminary registration for the next year's courses and for final registration for the Summer Session. Each Faculty adviser sets up a series of conference hours prior to the Spring Registration for the convenience of his advisees.

During the summer the Registrar's Office prepares the Official Registration Forms. For those students making no course adjustments, the final registration on Wednesday and Thursday prior to the formal opening of the College is only a matter of receiving the Treasurer's assessment and filling in an Information Card.

## *Registration of New Students*

Freshmen entering in September make out a tentative schedule of courses through individual conference or correspondence with the Registrar during the month of August. The office then prepares the official forms and schedules, which are turned over to the students' advisers for further study. The students meet their advisers on Monday of Orientation Week to complete their registration. Any change in course may be negotiated with the adviser on Thursday afternoon.

Students with advanced standing entering in September usually work out their schedules on Monday of Orientation Week. The Registrar evaluates advance credits and sends copies showing credits granted and remaining requirements for graduation both to the students and to their

advisers. Any necessary conferences can be arranged during the month of August.

New students entering in February and in June may work out schedules in advance (Freshmen with the Registrar; upper classmen with their departmental advisers) on or before the day of registration.

### *Registration for the Summer Session*

Old students register for the Summer Session at the time of the Spring Registration.

New students register the first day of the session at the time and place designated in the Summer Session Bulletin or Directive. Students attending both terms register for both at the beginning of the session.

### *Registration Rules*

1. Each student must register officially, at the specified time and place, for all the courses he expects to enter. Late registration is penalized by a fine of \$5.00 unless excused by the *Scholastic Standing Committee*.
2. No student may receive credit for a course unless he is properly registered for that course.
3. A student who fails to complete a course for which he has registered and from which he has not officially withdrawn automatically receives an F on his permanent record.
4. A fee of \$1.00 is charged for any change in course made within one week after the last day of regular registration period.
5. After the first week of the semester, a student may drop a course or add a new course only with permission from the *Scholastic Standing Committee* and with the payment of \$1.00 for *each* course changed.
6. A student who earns an F in the first semester of a year's course may not continue that course during the second semester without the written consent of the teacher in that course.
7. The College reserves the right to withdraw or discontinue any course for which an insufficient number of students have registered. In such an event, no fee will be charged for transfer to another course.

## *The Accelerated Program*

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Gettysburg College continues to offer an optional accelerated program for those who need to complete a college education in less than the regular four-year period. Students may accelerate in two ways: by taking extra subjects during the regular academic year, and by attending the Summer Sessions.

Those students with exceptional preparation and effective study habits may carry extra work during each semester under the limitations explained in this *Bulletin* under the heading "*Maximum Hour Schedule.*" While it is possible for students with excellent mental and physical stamina to complete eight semesters of work in seven, the College advises students to emphasize full participation in College life rather than to find short cuts in time.

The Summer Session of twelve weeks permits students to do approximately an extra semester's work each year. The normal student load is a full year's work in each of two subjects for twelve or fourteen semester hours of academic credit. The students who attend two Summer Sessions may complete their requirements for a degree in three years.

Those students who wish to complete their work in three years and at the same time complete their R.O.T.C. training for a commission as second lieutenant in the Officers' Reserve Corps should begin College in June rather than in September because of the training camp requirement, which normally comes during the summer between the Junior and Senior years. To date, neither the Army nor the Air Force has made any recommendation for acceleration in the R.O.T.C. Program, but both cooperate fully in the optional program offered at Gettysburg.

The accelerated program at Gettysburg College is flexible. The students who begin acceleration may discontinue it at will. The College recommends that students consider final Selective Service legislation pending at the time this *Bulletin* went to press before making the final decision on the entrance date. There is, however, a distinct possibility that acceleration may permit some students to finish a College education who otherwise would have their education interrupted.

# Curriculum

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Gettysburg College believes that all students, regardless of their final major subject, should have a broad liberal education. To attain that end the College requires certain specific courses in the Freshman and Sophomore years and makes a general requirement for distribution of subject matter to be completed before graduation. At the same time it requires concentration or specialization in one field.

Within the limits of the distribution and concentration requirements, course building is largely an individual matter between students and their advisers. Except for Physical Education teacher training, there are no fixed curricula. Each department has, however, worked out suggested curricula to assist students in selecting courses to meet certain objectives.

## *Advisers*

When a student registers as a Freshman, he is assigned to a Freshman adviser. Before the spring registration in his Freshman year, any student who has not yet chosen his major subject should name as his temporary adviser the head of the department in which he thinks it most likely that he may be a major; that professor will serve as his adviser until the student has been accepted as a major in some department. After the student has been accepted as a major by the department of his choice, the head of that department becomes his adviser and continues as such throughout the remainder of his program of studies. The adviser is the medium of communication between the student and the faculty and may be consulted in all matters. Each year the student must secure his adviser's approval of his study list.

## *Courses and Credits*

The amount of credit given for each course is specified in terms of *semester hours*. A *semester hour* of college work consists of one hour a week of lectures or classwork, or two or three hours of laboratory work (or laboratory work combined with classwork) a week for one semester. The normal assumption is that the student will be expected to do at least two hours of study in preparation for each hour of classwork.

No credit for one semester of a year's course may be granted except by written approval of the department to the Registrar.

### *Schedule Limitations*

The usual schedule is 15 semester hours in addition to basic Military Science or Physical Education. No student may carry fewer than 12 semester hours or more than 16 semester hours unless he has the consent of the *Scholastic Standing Committee*. A student enrolled at Gettysburg College may not carry courses concurrently at any other institution.

When the student has established clearly a valid reason for additional subjects, the *Scholastic Standing Committee*, of which the Dean is chairman, may allow extra hours, subject to the following restrictions:

1. A maximum of eighteen semester hours in addition to basic Military Science or Physical Education to a second-semester Freshman who has maintained a quality-point average of 2.00 during the first semester or to a Sophomore who has maintained an average of 2.00 during his Freshman year.
2. A maximum of eighteen semester hours to Juniors or Seniors who have maintained an average of 2.00 during the preceding year or twenty-one hours to those who have a 2.50 average.
3. A maximum of eighteen semester hours in either the Junior or Senior year (not both) even though the student's average may be below 2.00.

### *Requirements for the Degree of Bachelor of Arts*

The degree of Bachelor of Arts may be conferred upon the student who completes 120 semester hours of academic work and earns eight hours of activity credits (in Physical Education 1 and 2 or Military or Air Science 1 and 2).

Additional hours may be required for individual students according to rules established by the Faculty. In addition to the hours required, students must earn at least as many quality points as there are hours required for their graduation. No student may graduate with a quality-point average of less than 1.00 in his major subject.

A student registered at Gettysburg College will not obtain credit for courses taken in other colleges during the summer unless such courses have first been approved by the head of the department concerned.

### *Requirements for Teacher Certification<sup>1</sup>*

In addition to qualification for the degree of Bachelor of Arts, the student may qualify for certification to teach in secondary schools by

<sup>1</sup> This rule does not apply to students admitted to College before June, 1949.

completing sixteen semester hours of academic work, approved by the Department of Education, beyond the minimum requirements for the degree of Bachelor of Arts, and by earning at least 16 additional quality points.

*Requirements for Military Commission*

A student may qualify for a reserve commission in the Armed Forces by completing 4 additional hours, including basic and advanced Military or Air Science, and earning 4 additional quality points, beyond the regular requirements for the degree of Bachelor of Arts.

*Distribution Requirements for All Students*

SUBJECTS	SEMESTER	HOURS
English A (Freshmen) . . . . .		6
Bible 1 (Freshmen) . . . . .		6
General Education 1 (Freshmen) . . . . .		6
General Education 2 (Sophomores) . . . . .		6
Senior Comprehensive Examination <sup>1</sup> . . . . .		0
Military Science or Air Science or Physical Education—2 Years . .		8
General Proficiency in Mathematics <sup>2</sup> . . . . .		0–6
Language: <sup>3</sup>		
French	{	6 semester hours above the “A” course in each of two . . . . .
Spanish		
German		
Greek		
Latin		
Philosophy	{	6 semester hours in one . . . . .
Pol. Sci. and Econ.		
History		
Psychology		
Sociology		6

<sup>1</sup> Every candidate for the degree of Bachelor of Arts is required to pass a comprehensive examination in his major field of study.

This comprehensive examination is intended to test the depth of the student’s knowledge of the subject matter in his major field; to determine his abilities to assimilate, to analyze, and to apply the leading ideas developed in this subject; and to serve as a challenge, throughout his college course, to integrate the entire work of his chosen field of study.

<sup>2</sup> Those Freshmen who fail in the mathematics proficiency test must register for a 6 semester hour course in Mathematics A.

<sup>3</sup> Two languages and one science or two sciences and one language are required.

Latin Literature	}	6 semester hours in one in the original . . . .	6
Greek Literature			
German Literature			
French Literature			
Spanish Literature			
Science: <sup>1</sup>	}	8 semester hours in each of two . . . . .	16
Biology 1			
Chemistry 1			
Physics 1 or 102			
Appreciation courses <sup>2</sup> . . . . .			4
Average total for distribution . . . . .			76-82

### *Concentration Requirements for All Students*

24 semester hours above "A" courses in a major

12 semester hours above "A" courses in a related minor<sup>3</sup>

12 semester hours above "A" courses in an unrelated minor<sup>3</sup>

As early as possible each student should select his major subject. In addition, he should select two minor subjects, one related to his major field (in the same group) and one not related (not in the same group).

The subjects are arranged in three groups as follows:

GROUP 1	GROUP 2	GROUP 3
English	Bible	Biology
French	Economics	Chemistry
German	Education <sup>4</sup>	Mathematics
Greek	History	Physics
Latin	Music	
Spanish	Philosophy	
	Physical Education	
	Political Science	
	Psychology	
	Social Science <sup>5</sup>	
	Sociology <sup>4</sup>	

<sup>1</sup>Two languages and one science or two sciences and one language are required.

<sup>2</sup>These 4 hours may be selected from Dramatic Arts 1a, 1b, 1c; Fine Arts 1, 2, 3; Music 1a, 2a, 2b; and English 18.

<sup>3</sup>This is interpreted as meaning two full year courses or the equivalent if the minor is in a laboratory science.

<sup>4</sup>Accepted for a minor only.

<sup>5</sup>An interdepartmental course which includes a major and a first minor within the general field of the social sciences is described under "Courses of Instruction."

*Required Freshman Program*

SUBJECTS	SEMESTER	HOURS
General Education 1 . . . . .		6
English A . . . . .		6
Bible 1 . . . . .		6
Military Science or Air Science or Physical Education . . . . .		4
and either		
Accelerated Language Course	}	12-14
or		
Language		
and		
Mathematics, or Economics 1 and 2, or Science,	}	
or a second language		
Total . . . . .		34-36

*Freshman Program for Science and Mathematics Majors*

SUBJECTS	SEMESTER	HOURS
General Education 1 . . . . .		6
English A . . . . .		6
Mathematics . . . . .		6
Science . . . . .		8
Military Science or Air Science or Physical Education . . . . .		4
and either		
Language	}	6
or		
Bible 1		
Total . . . . .		36

*Required Sophomore Program*

SUBJECTS	SEMESTER	HOURS
General Education 2 . . . . .		6
Military Science or Air Science or Physical Education . . . . .		4
and		
At least 2 courses selected from the following: Language, Mathe-		
matics, Science, or second Language . . . . .		12-16
and		
Two electives with at least one from the following:		
History, Philosophy, Political Science, Psychology, Soci-		
ology . . . . .		12
Total . . . . .		34-38

Education courses for those who plan to teach should be included in electives.

The Sophomore course in the student's major must be included in the required subjects or in the electives.

### *Junior and Senior Program*

All required courses listed in the Freshman and Sophomore programs which have not been completed by the end of the Sophomore year must be included in the Junior program. It is recommended, in the interest of a well-balanced education, that the Junior program shall contain at least two courses each semester outside the group in which the student's major falls, and that the Senior program shall contain at least one course each semester outside the group in which the student's major falls.

Transfer students accepted as upperclassmen are subject to the same requirements as are all other students. When similar courses accepted as transfer credit can be used as substitutes for the required courses, the Registrar will notify both the students and their advisers of the official advance credit evaluation.

Transfer students accepted as first-semester Sophomores are required to take both General Education courses 1 and 2. Second-semester Sophomores and first-semester Juniors are required to take General Education course 2.

### *Preparation for Graduate Study*

All students who intend to do graduate work should communicate this fact as early as possible to the heads of the departments in which they are majoring in order that they may be sure of meeting all the requirements for graduate study.

# Scholastic Rules and Procedures

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## Chapel Attendance

Every student is required to attend Chapel Service. Because of the large number of students now in the College, it is necessary to divide the Chapel Service into two sections: one meeting on Wednesday and Friday at 8:55 A.M., and the other on Tuesday and Thursday at 8:55 A.M. When a student has incurred ten absences in any semester, he will have one credit hour added to his graduation requirement. When a student has incurred his fifteenth, he will be referred to the *Committee on Discipline*.

## Class Attendance

The student is expected to attend each class exercise unless his absence is justified by official authorization, genuine necessity, or other respectable cause. Unnecessary absences are neither authorized nor approved.

The instructor is expected to make a daily report of absences to the office of the Dean. The instructor has full authority to penalize any absence from his class. He may also cause a student to be forbidden any further absences from his class (except the most imperative) by notifying the Dean that the student should be placed on "cut probation."

The further supervision and discipline of absences are vested in a *Committee on Absences*, of which the Dean is *ex-officio* chairman. This *Committee* regards student absences as consisting of four kinds: (1) absences incurred through "authorized trips," (2) those incurred through "prolonged illness," (3) those "taken for good reason," and (4) those taken without justification.

(1) Absences incurred through "authorized trips" are certified by the Dean as excused, and are not penalized by his office. Absences thus excused include those of students traveling with recognized athletic, musical, dramatic, or forensic organizations, or as delegates to fraternal conventions; those due to family emergencies or important social obligations (such as weddings and funerals); and those made necessary by appointments with agents of the government or prospective employers. The Dean's certificate should be obtained before such trips are made; in an emergency it may be issued after the event.

(2) "Prolonged illness" is defined as medically attested illness extending over three or more days and necessitating two or more absences from the same class. The Dean's office issues a certificate excusing such absences, and imposes no penalty.

(3 and 4) If a student incurs an absence not eligible for certified excuse, and presents the Dean's office with a satisfactory explanation, the absence will be recorded as "taken for good reason." If he presents no "good reason," the absence will stand in his record as unjustified.

Although unnecessary absences are never approved, the student is allowed, in effect, a quota of unpenalized absences equal to the number of class meetings per week. These absences require no certification or excuse, but he is expected to use them only for "good reason." Thus, the *Committee* imposes no penalties until a student's absences in any one course (excluding those due to "authorized trips" or "prolonged illness") total more than the weekly number of class meetings scheduled for that course. If it then appears that any absence has been incurred without justification, the student will be penalized for each absence in excess of the number of class meetings per week by the addition to his graduation requirement of one semester-hour's credit. When the number of absences (excluding those due to "authorized trips" and "prolonged illness") equals twice the number of class meetings per week, the student is subject to dismissal from the course with a grade of F. Upon such dismissal, other penalties incurred for absence in this course are rescinded.

Absence from one or more classes within twenty-four hours of the beginning or end of a regular holiday or vacation will be penalized by the addition of one semester-hour to the graduation requirement, unless permission for such absence has been certified in advance or serious emergency has made such absence inevitable.

### *Grading System*

GRADE	QUALITY POINTS	PERCENTAGES	DESCRIPTION
<i>A</i>	3	100-90	Excellent
<i>B</i>	2	89-80	Good
<i>C</i>	1	79-70	Fair
<i>D</i>	0	69-60	Poor, but passing
<i>F</i>	—	59-0	Failing
<i>I</i>	—	—	Incomplete for reasons beyond student's control
<i>W</i>	—	—	Withdrew from course. No credit. Letter following <i>W</i> indicates standing at time of withdrawal.

Teachers may modify the various letter grades with plus and minus signs. These signs are placed on the permanent records and reproduced

on all transcripts, but are disregarded in all ordinary quality point computations. They are, however, used in all honors computations.

Quality Point System

Computations

Quality points are allowed according to grade for each semester hour as follows:

A = 3,      B = 2,      C = 1,      D = 0

When a finer computation is desirable, as in determining honors, the following is official:

A+ = 3½	B+ = 2½	C+ = 1½	D+ = ½
A = 3	B = 2	C = 1	D = 0
A- = 2½	B- = 1½	C- = ¾	

Grades *I*, *W*, and *F* are disregarded in final quality point computations. For all student body ratings and for all individual averages issued by the Dean's Office, the grades *F* and *WF* are counted as -1.

Minimum Requirements

In general, students are considered deficient and may be required to withdraw from the College when they fail to meet the following minimum standards in the achievement of total quality points:

At the end of first semester . . . . .	10
At the end of second semester . . . . .	26
At the end of third semester . . . . .	45
At the end of fourth semester . . . . .	64
At the end of fifth semester . . . . .	80
At the end of sixth semester . . . . .	96
At the end of seventh semester . . . . .	112
At the end of eighth semester . . . . .	128 or a total equal

to the number of hours required for graduation.

Conditions and Deficiencies

No credit is given for a subject reported as *F* or *I*. An *I* not removed by the completion of the work within one semester after the deficiency was incurred becomes an *F*, unless the *Scholastic Standing Committee* shall, because of the student's sickness or for an equally good reason, extend the time for removing the *I*. An *F* in a course for the first semester debars a student from the course during the second semester unless the department in which the *F* is incurred recommends the student's continuance.

No student may repeat without the consent of the department concerned a course which he has failed.

### *Placement Service*

*Teacher Placement.* The College maintains a free Teacher Placement Bureau to assist Seniors and graduates in securing positions and to aid school officials in locating properly qualified teachers.

All communications should be addressed to the Director of the Teacher Placement Bureau.

*College Placement.* The College operates a general placement service for its students and alumni. The Guidance Counselor, in cooperation with the Dean and Department Heads, arranges for the employment personnel of many business and industrial organizations to meet students for personal interviews looking forward to employment. He maintains a library on career possibilities in business and the professions.

Students who wish aid in securing placement should register with the Student Counselor early in their Senior year.

*Informal Placement.* The Administration and Advisers informally assist students in securing employment or placement in graduate school.

### *Probation*

#### *Limited Probation*

If, in the judgment of a teacher, a student is endangering his scholastic standing in any course, the instructor may request the Dean to place the student on Limited Probation in the course for a period of two weeks. At the end of this period the teacher shall notify the Dean:

1. that the probation is continued,
2. that the probation is removed, or
3. that the student is dropped from the course with a grade of *F*.

At the discretion of the teacher the Limited Probation may be removed before the end of the two-week period.

#### *General Probation*

A student is placed on General Probation when he fails to meet all three of the following requirements:

1. passing at least 12 semester hours in addition to basic Military Science or Physical Education,
2. meeting the minimum requirements of the Quality Point system,
3. showing reasonable progress toward graduation.

When a student is placed on General Probation,

1. he is ineligible to represent the College in intercollegiate activities or in any other activities entailing absence from classes, and
2. a warning note is sent to the parent or guardian, and notice is given to the student, the directors of College organizations, and the Faculty.

General Probation is effective the Monday following reports from instructors indicating that the student is failing to meet the requirements.

General Probation cannot be removed before the expiration of one week.

### *Special Probation*

When in the opinion of the *Scholastic Standing Committee* a student's scholastic record is endangered, the *Committee* may place him on special probation, giving him until the end of the semester to improve his record or withdraw from College.

### *Reinstatement*

A student dismissed from the College for *any cause* may not be reinstated except by petition to the Faculty. Such petitions will be considered on their own merits, but *in no case* will a student be readmitted during the semester immediately following the one in which the penalty was incurred. A student dismissed for misdemeanor loses all credit for work done during the semester. A student who has been reinstated and fails in scholarship a second time will be required to withdraw from the College permanently. In any case of reinstatement the student will be on general probation for one year.

### *Student Health Service*

In order to be informed adequately of the state of health of each new entrant as soon as he begins his college career, the College requires each applicant for admission to submit to the Dean of Admissions a medical report from his family physician on the official form provided by the College. Each student must present this health form before matriculation.

A student Health Service is maintained under the supervision of a faculty *Health Committee* for the benefit of all students. Included as part of the service is a well-equipped Infirmary, staffed by a Medical Director and Registered Nurses.

Each student pays an annual fee of \$10 for this Health Service, which entitles him to the following:

1. Periodic medical examination if recommended on the medical report submitted by the family physician.
2. Consultation and treatment by the College Physician.
3. Most necessary medications.
4. Certain diagnostic procedures, as ordered by the College Physician.
5. Unlimited infirmary care for all students. Those taking their meals in Huber Hall do not pay extra for meals while in the Infirmary, but those eating elsewhere receive free meals only for the first seven days spent in the Infirmary in any one semester. Beyond seven days the charge for meals is \$2 a day.

The Health Service does not provide for treatment of chronic illnesses, nor does it provide for refraction of eyes or dental care. Consultation with an additional physician, operations, and hospitalization are at the student's expense.

# College Life

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## *Living Facilities*

*Dormitories for Men.* The housing of men is under the direction of the Dean. Dormitory rooms in Old Dorm, McKnight Hall, and the Government Housing Units are furnished with single beds, mattresses, dressers, study tables, chairs and window shades. Students furnish pillows, linens, blankets, study lamps, and other accessories. Special pieces of furniture may be added if desired. Rent for rooms in Old Dorm and McKnight Hall is \$120 a year; for those in the Government Housing Units, \$90 a year.

Each dormitory occupant is required to sign a room contract for each college year and summer session.

Unfurnished apartments in the Government Housing Units are available for married students with children at \$25 and \$26 a month.

For further information the applicant should write to the Dean.

*Rooms in Private Homes.* In addition to living quarters in the Dormitories and Government Housing Units, there are rooms for many upperclassmen in their respective fraternity houses. Many upperclassmen, moreover, find it expedient to live in private homes throughout the community. In such instances, rates and furnishings to be supplied by the student are determined by the interested parties.

*Dormitories for Women.* The housing of Gettysburg women is under the direction of the Dean of Women. Women students, except local girls living at home, are required to room under dormitory supervision. Rooms range in price from \$120 to \$150 a year. Upon receiving notification of admission to the College, the applicant should forward the room Reservation Fee to the Dean of the College. The Dean of Women makes the actual room assignments during the month of August giving room preferences in the order of the receipt of the Reservation Fee.

The rooms in Stevens Hall, Huber Hall, Hanson Hall and Aughinbaugh Hall are designed for two or three girls. Each dormitory room is provided with a closet or wardrobe, dresser, chairs, single beds, mattresses, three or four bookshelves, and a study table. Students provide pillows, linens, blankets, study lamps, window draperies, and other accessories. Pictures and other decorations may be suspended only from the molding.

*Board.* The College maintains a dining room in Huber Hall, at which

all women students except those living at home are required to take their meals. Each fraternity operates its own table. Men students and wives of students may arrange to take their meals at Huber Hall.

### *Counseling*

*Orientation Week.* During the first week of the fall term new students participate in a special program designed to help them become oriented in their new environment. This program includes personal conferences in connection with Registration, lectures concerning the purposes and organization of the College as well as study techniques, social contacts with members of the faculty, trips to nearby points of interest, and an extensive battery of tests. These tests provide the College with valuable information concerning the aptitudes, interests, and educational background of each new student and assist the College in its efforts to provide for him a personalized education.

*Orientation Program.* As a complement to *Orientation Week*, a series of conferences for new students is conducted during the early part of the academic year to assist them in solving the more personal problems of campus life. Small mixed groups, each directed by a selected upperclassman and guided by a faculty adviser, meet one hour a week for six weeks to consider in an informal and intimate manner the adjustment of the students to their new environment.

*Curriculum Advisement.* After the Freshmen have tentatively selected their first-year courses, the Registrar assigns them to Freshman Advisers, who assist with formal registration and, after the Orientation Week tests are finished, discuss and authorize course changes. Working under the direction of the Dean, the Freshman Advisers issue grade reports to their advisees and assist them in determining their major field of study.

At the end of the Freshman year, students elect a major field and select their Sophomore courses with the assistance of the head of the department in which they intend to major.

*The Dormitory System.* Under the guidance of carefully selected and well-trained Student Proctors, the students solve their own dormitory problems. The arrangement is in no sense a system of restraints, but rather a system to put into operation the principles of cooperative living.

*Student Counseling Service.* A *Guidance Committee* under the chairmanship of the head of the Department of Psychology supplements the functions of the Faculty Advisers. The members of this committee, including the Dean, Dean of Women, Registrar, and the Student Counselor, are available to assist students with educational, vocational, social, and personal problems. This work is carried on by means of personal inter-

views and standard psychological tests. The guidance service is provided free to all students. They may seek it voluntarily or may be referred to it by Advisers or other faculty members. Study clinics are held from time to time as the need for them may arise.

*Veterans' Testing Service.* Gettysburg College is an official center for Veterans' Testing Service of the United States Armed Forces Institute, popularly known as USAFI. The College administers, scores, and certifies the official forms of the General Education Development (GED) tests. No charges are made for administering these tests to Gettysburg College students. There is a charge of \$3 for the GED series of five tests administered to persons not registered in the College at the time of the testing. All requests for GED tests should be addressed to the Registrar.

### *National Sophomore Testing Program*

Along with many other colleges in the nation Gettysburg College participates in the National Sophomore Testing Program. These examinations are given in March of each year and every student registered in his fourth semester in college is required to take them. Through these examinations the sophomores are rated with those of other institutions on the national scale, and through the individual student's scores the Committees on Scholastic Standing and Guidance are provided with basic criteria for the counseling of each student.

### *Lectures*

*College Lecture Series.* The Board of Trustees of the College annually appropriates money to secure widely known scholars, travelers, and lecturers to speak on topics of interest to the students and to the community. Admission to these lectures is free.

*Bell Lectureship.* A fund of \$2,100 from the estate of the late Rev. Peter G. Bell, ex-'60, has been received by the College for the establishment of a Lectureship on the Claims of the Gospel Ministry on College Men. The main object of this foundation is "to keep before the students of the College the demand for men for the Christian ministry and the conditions of the age qualifying that demand."

*Stuckenberg Lectureship.* Mrs. Mary G. Stuckenberg has given a fund of \$1,000 for the establishment of a Lectureship in Sociology in honor of her late husband, J. H. W. Stuckenberg, D.D., LL.D., by the terms of which the College sponsors annually a lecture by a specialist in the field on some phase of Sociology from the standpoint of Christian Ethics. The lecture is given at such time as is convenient to the lecturer chosen for the year.

## *Music*

*The Band* is an organization, the instrumentation and training of which are directed toward creditable performance both in concert work and at athletic contests.

*The Gettysburg College Orchestra*, recently organized, aims to build and maintain a repertoire of standard and classical music. The Orchestra provides music for student meetings and gives occasional concerts.

*The Gettysburg College Choir* is an organization of 50 young men and women recruited from the student body. Auditions are held at the beginning of each school year. Applicants are chosen on the basis of voice quality, trueness of ear, musical feeling, and general musical intelligence. The Choir appears at special services held in Brua Chapel and makes an extended tour through the surrounding states in the spring of each year.

Service with all musical organizations sponsored by the College is recognized by suitable insignia awarded at the end of a designated period of service.

A Faculty director is provided for each of the musical organizations. He is assisted by a staff of student officers.

## *Dramatics*

The Owl and Nightingale Club aims not only to bring out the latent dramatic talent of the students in acting, scene painting, and play writing, but also to provide the College and the community with good entertainment. As the dramatic workshop of the College, it produces from four to six representative new plays throughout the year. Active membership in the club is gained by performances in a certain number of plays, by staff work, or by both.

In addition, short plays, presented from time to time, provide students of the Dramatic Arts classes opportunities in direction and production. All scenery is constructed by the students under Faculty supervision.

It is planned that in the near future Brua Chapel, remodeled for dramatic purposes, will be available to the group for use as a "little theatre."

## *Religious Life*

*Church Attendance.* Gettysburg College believes that regular church attendance is an essential part of the life of any student, especially when the student is away from the incentives and restraints of the home. Gettysburg College strongly emphasizes the importance of attending church services at least once each Sunday. The churches of Gettysburg are eager

to welcome the students of the College to their services and also sponsor special Sunday School classes for their student members.

*Chapel Attendance.* The College conducts for its students week-day Chapel services under the direction of the Chaplain and the Student Christian Association Cabinet. Local clergymen, the President of the College, and selected members of the Faculty are the principal speakers.

*Student Christian Association.* The Student Christian Association is a fellowship of men and women undergraduates dedicated to the development of Christian character. This organization, founded in 1867, functions today through a wide variety of projects including monthly Association meetings, daily devotions, forums, lectures, discussion and study groups, publications, social service activities and conferences, and through the maintenance of its home, Weidensall Hall. The S.C.A. welcomes into its membership all students regardless of denominational affiliation. Its administration is vested in a Cabinet composed of the officers and the standing committee chairmen under the direction of the College Chaplain, who is a member of the Faculty.

*Campus Vespers.* Vespers are held every Sunday evening throughout the school year at 6:30 o'clock in the Auditorium of Weidensall Hall. They are student worship services in which student speakers and choirs participate.

*Candlelight Service.* A worship service composed of sacred music, devotional reading, and silent meditation is conducted by and for the students at 10:30 o'clock on Thursday evening of each week of the school year.

Responsibility for both of these Campus services is vested in the S.C.A., which invites all students, whether members of the Association or not, to attend.

### *Religion-in-Life Week*

Each year near the beginning of the second semester a period of three days is set aside during which time a number of outstanding Christian leaders are brought to the campus to give lectures and conduct discussion groups on some thought-provoking religious theme. This program is known as "Religion-in-Life Week." The College considers this one of the high points of the school year—vitally important to the spiritual strengthening of every Faculty and student member of the campus.

### *Publications*

*The Alumni Bulletin*, a quarterly published by the Alumni Office, keeps alumni informed on current College events and purposes.

*The Gettysburg College Catalog* is published in February of each year.

*The Gettysburg College Summer Session Catalog* is published in March of each year.

*The Gettysburgian*, edited by a staff of students, is published weekly during the College year and prints chiefly College and alumni news and opinions.

The *G-Book*, sponsored by the S.C.A. and issued at the opening of each College year, gives valuable information and suggestions to incoming students.

*The Mercury*, a magazine published by the students of the College, is under the supervision of the English Department and seeks to encourage creative writing by the students.

*The Spectrum*, an annual published by the Junior class, contains pictorial representations of the College with its various organizations and surroundings, and information about students.

*The Women's League Bulletin*, published in December of each year, is a summary of the work of the League for that year.

All the periodicals aim at improving communication between the College and its graduates, former students, and friends. These enterprises are cordially commended to the patronage of those interested in the welfare of the institution.

### *Radio Workshop*

A student radio station, WWGC, has its studio on the third floor of Breidenbaugh Science Hall and broadcasts a variety of programs regularly during the college year.

### *Debating*

There are two debating clubs, one for men and one for women. Each group engages in a number of debates each season with various colleges throughout the United States.

### *Speakers' Bureau*

All students registered for Advanced Public Speaking are required, and other students are invited, to become members of the Speakers' Bureau. This bureau is a public service organization which provides speakers for various clubs and meetings in Gettysburg and adjacent communities.

### *The Student Chest*

On petition from the Campus Senate, representing the student body, the Board of Trustees adopted a system known as the Student Chest for coordinating the finances of student organizations. This system eliminates requests and campaigns for money by student groups and substitutes a student fee of \$7.50 per semester. This fee is payable to the College Treasurer at the beginning of each semester and is distributed by the Treasurer of the fund at the direction of the Student Chest Committee to the various student organizations.

### *The Campus Senate*

The Campus Senate, created several years ago to replace the Student Council, consists of four members of the Faculty and one student representative from each of the active groups on the campus.

The basic functions of the Senate are to represent the student body in the formulation of school policies and to promote cooperation among the Administration, Faculty, and Students.

Besides fostering this policy, the Senate assumes responsibility for the Men's Tribunal, conducts each fall a Freshman campfire, conducts class elections, nominates candidates for the Zimmerman prize, and considers problems of the student body as a whole.

### *The Inter-Fraternity Council*

The Inter-Fraternity Council, composed of representatives from each of the fraternities on the campus, acts as the coordinating agency in fraternity affairs and activities. This group sponsors the inter-fraternity dances, supervises intramural sports, establishes rules for rushing, and conducts a general program designed to promote harmonious relations among the fraternities.

### *The Pan-Hellenic Council*

The Pan-Hellenic Council is composed of a Senior and Junior member from each of the four national sororities. The Council, functioning as a governing body, regulates inter-sorority relations and strives to foster harmony between sorority and independent women.

## *Phi Beta Kappa*

The Gettysburg chapter of Phi Beta Kappa was organized on January 11, 1923. A maximum of 10 percent of the Senior Class may be elected to this honor society each year. Candidates for membership must show promise of both intellectual and moral leadership and must possess a broad general culture as well as a distinguished academic record.

## *Fraternities, Sororities, and Societies*

### *National Social Fraternities and Sororities*

College fraternities and sororities are dedicated to the high ideals of friendship and service. Through their activities in behalf of the individual, the group, the college, and the community, they play a vital role in campus life.

At Gettysburg there is mutual cooperation among the College, the fraternities, the sororities and the student body. The College realizes that these societies, functioning properly, aid it in achieving its objectives.

On the campus at Gettysburg are 12 fraternities—10 national and two local—and four national sororities.

Alpha Tau Omega  
Alpha Xi Delta  
Chi Omega  
Delta Gamma  
Kappa Delta Rho  
Lambda Chi Alpha  
Phi Delta Theta

Phi Gamma Delta  
Phi Kappa Psi  
Phi Mu  
Phi Sigma Kappa  
Sigma Alpha Epsilon  
Sigma Chi  
Tau Kappa Epsilon

### *Local Fraternities*

Alpha Theta Chi  
Phi Kappa Rho

### *National Honorary and Professional Fraternities and Sororities*

Alpha Kappa Alpha: a society for students of Philosophy.

Arnold Air Society: a society for superior students in the Advanced Course of Air R.O.T.C.

Beta Beta Beta: a fraternity for students of Biology.

Delta Phi Alpha: a German language society.

Eta Sigma Phi: an undergraduate fraternity for students of the Classics.

Kappa Delta Epsilon: a professional Education sorority.

- Kappa Phi Kappa: a professional undergraduate Education fraternity.  
Pershing Rifles: a military society for students in the Basic Course of Army R.O.T.C.  
Phi Alpha Theta: a fraternity for majors in History.  
Phi Sigma Iota: a society for students of the Romance Languages.  
Pi Delta Epsilon: a journalistic society.  
Pi Lambda Sigma: a fraternity for majors in Political Science and Economics.  
Psi Chi: a society for students of Psychology.  
Scabbard and Blade: a military society for students in the Advanced Course of Army R.O.T.C.  
Sigma Pi Sigma: a society for students of distinction in Physics.  
Tau Kappa Alpha: a society for students excelling in forensics.

### *Local Honorary and Professional Clubs*

- El Circulode Español: a club fostering the study of Spanish and Spanish-American culture.  
Gettysburg Honor Society: a society comprised of students excelling in scholarship and extracurricular activities who, in association with the faculty, are dedicated to the attaining of a superior Gettysburg College.  
Le Cercle Francais: a club offering an opportunity to acquire fluency in speaking French.  
Pen and Sword: a society honoring Juniors and Seniors of outstanding achievement in activities or athletics.  
Pre-Ministerial Association: an organization for students preparing for the ministry.  
Sceptical Chymists: an organization of students in Chemistry.  
Tertulia Espanola: a club encouraging fluency in speaking Spanish.

### *Other Organizations*

- Alpha Phi Omega: a national service fraternity pledged to develop friendship and to promote service to the College, the community, and the nation.  
Booster Club: a club consisting of representatives of various campus groups originated to stimulate college spirit and athletic interest within the student body.  
Gavel Club: a club designed to increase the effectiveness of the fraternities through efficient leadership.  
Independent Men: an organization designed to provide for the general welfare of those men who are not members of fraternities.

Independent Women: an organization of non-sorority women designed to promote the social welfare of its members.

International Club: a club dedicated to the promotion of world peace.

Modern Book Club: a club fostering the study and critical appraisal of contemporary literature.

Outing Club: a club sponsoring those outdoor activities for which the College provides no formal program.

Women's Athletic Association: an organization sponsoring individual, group, intramural, and intercollegiate sports for women students.

## *Athletics*

### *Intercollegiate Athletics*

In order to conduct through a democratic, cooperative, and understanding agency a comprehensive athletic program for the students of Gettysburg College, the Board of Trustees of the College has authorized an Athletic Council to organize, promote, and administer the entire intercollegiate and intramural athletic programs.

The College maintains membership in the National Collegiate Athletic Association, the Eastern Collegiate Athletic Conference, and the Middle Atlantic States Collegiate Athletic Conference.

The program of intercollegiate activities for men includes football, cross-country, basketball, soccer, baseball, tennis, golf, wrestling, track, and swimming.

The program of activities for women includes field hockey and basketball.

### *Intramurals*

The intramural program is designed to afford opportunities for all students not on varsity squads to enjoy the benefits of participation in sports. Competitive teams are organized from the fraternities, sororities, and independent groups. Team awards are made for team activities; individual awards for success in individual sports. Intramural activities are conducted under the supervision of an Intramural Council, consisting of the Director of Intramurals, who is a member of the Physical Education Department; the Director of Athletics; the varsity coaches; the sports editor of the campus newspaper; the president of the Interfraternity Council; the president of the Campus Senate; one independent representative; and two student representatives from the Athletic Council.

*The Intramural Program for Men* has an extensive program of activities which includes touch football, volleyball, basketball, wrestling, foul-shooting, tennis, softball, golf, table-tennis, swimming, and horseshoes.

*The Intramural Program for Women* is conducted by the Director of Women's Physical Education, with the assistance of the Women's Athletic Association, and aims to maintain interest in sports and to promote good sportsmanship. The Women's Athletic Association, organized under an Executive Committee and a "sports" board comprised of student managers for each sport, includes as members all women students.

Activities are organized on the basis of sororities and independents and include the following: field hockey, basketball, volleyball, softball, bowling, archery, and tennis.

# Honors, Prizes, and Scholarships

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## Honors

The following honors are awarded at the close of each academic year:

*Valedictorian and Salutatorian.* The Senior who has the highest scholastic average for the last three years (including the Comprehensive Examination when required) shall be named Valedictorian, and the second highest shall be named Salutatorian. Only those Seniors are eligible who have been in residence during their entire course.

*Final Honors.* A student who passes the Comprehensive Examination "with distinction" and whose average rating for four years is 2.90 or above on the Quality Point scale will receive his degree *summa cum laude*; if the rating is 2.60 or above, *magna cum laude*; if the rating is 2.30 or above, *cum laude*. Only those Seniors are eligible who have been in residence during their entire course.

*Departmental Final Honors.* A student who has been recommended by a department, and who has taken a major in the department with an average of not less than 2.75 on the Quality Point scale during the last three years, will be awarded *Departmental Final Honors* in that department, provided he has passed the Comprehensive Examination "with distinction" and has submitted a thesis (or equivalent) satisfactory to the department. A transfer student entering as a Junior may win Departmental Final Honors on the basis of the work of the last two years. No student with less than two years of residence may win this award.

*Class Honors* for Freshman, Sophomore, Junior, and Senior years. *Highest Class Honors* for the year will be awarded to those students who have maintained the grade of *A* in all their studies throughout the year. *Class Honors* for the year will be awarded to those who have maintained the grade of *A* in at least half of the work of the year and do not have a grade below *B* in any of their studies for the year.

Advanced credits granted to veterans for work in United States Armed Service Schools shall be counted as residence credits in the award of all honors.

These awards are published in the Commencement Programs and the Catalog issues of the *Bulletin*.

*Dean's Scholastic Honor List.* Any student who attains a scholastic average of 2.500 in any semester is honored by the Faculty for scholastic excellence. The list of students so honored is publicized in the Gettysburgian and on the bulletin board.

### *Prizes*

The following prizes are offered annually for outstanding scholarship and achievement:

*Baum Mathematical Prize:* The income from \$500, contributed by Charles Baum, M.D., Ph.D., Class of 1874, of Philadelphia, is given annually to the Sophomore showing the greatest proficiency in Mathematics.

*The Charles W. Beachem Athletic Award:* The Student Christian Association presents, each year, an award in memory of Charles W. Beachem, a member of the Class of 1925 and first Alumni Secretary of the College. The award, based on Christian character, scholarship, and athletic achievement, is given to a member of the Senior Class.

*Chi Omega Social Science Award:* The sum of \$25 is given by the National, Active, and Alumnae groups to the Junior or Senior girl excelling in Social Sciences. This award is sponsored by the national fraternity and given in every college which has an active Chi Omega chapter.

*Class of 1916 Prize:* The sum of \$25 is awarded to the Sophomore who has given most of himself or herself to the College.

*Delta Gamma Alumnae Association Award:* The sum of \$25 is given to the Junior girl who has made the greatest contribution to the College.

*Delta Phi Alpha Prize:* A valuable book on German culture is awarded to the outstanding student for the year in the German Department.

*Edwin and Leander M. Zimmerman Senior Prize:* The interest on \$1,000 is given to the Senior whose character, student influence, and scholarship have contributed most to the upbuilding of the College.

*Franklin Moore Award:* This award, the income from an endowment of \$6,500, is given annually to the member of the graduating class of Gettysburg College who through his or her four years as an undergraduate of Gettysburg College has shown the highest degree of good citizenship and who by his or her character, industry, enterprise, initiative, and personal

activities has contributed the most toward campus morale and the prestige of Gettysburg College.

*Graeff English Prize:* This prize was founded by John E. Graeff, Class of 1843. The interest of a fund of \$500 is awarded for the best English essay from a member of the Senior class on a subject previously assigned.

*Hassler Latin Prize:* A fund of \$500, contributed by Charles W. Hassler, the interest of which is annually awarded to that student of the Junior class who, at the end of the year, shall be rated as the best Latin scholar.

*John Alfred Hamme Award:* Established in 1948-9 by John Alfred Hamme, York, Pa., it awards the sum of \$50 to the Junior who has demonstrated in the highest degree the qualities of loyalty, kindness, courtesy, true democracy, and leadership.

*Military Memorial Prize:* The interest from a fund of \$500, contributed by the alumni and friends of Gettysburg College, is to be awarded annually to the student who has attained the highest standing in either the first or second year of the Advanced Course as a member of the Reserve Officers' Training Corps.

*Muhlenberg Freshman Prize:* The interest of a fund of \$500 contributed by F. A. Muhlenberg, D.D., LL.D., a former professor at Gettysburg College, is given at the close of each year to that member of the Freshman class taking Latin or Greek or both who is found to have attained the highest general scholarship average.

*Nicholas Bible Prize:* The income from a fund of \$500 established by the Rev. J. C. Nicholas, D.D., Class of 1894, is annually awarded to that member of the Senior class who has done the best work in advanced courses in Biblical Literature and Religion.

*Phi Sigma Iota Prize:* The sums of \$5 and \$2.50 are given to the two members presenting the best papers to the fraternity.

*Samuel Garver Greek Prize:* The income from a fund of \$500 established by the Rev. Austin S. Garver, A.M., Class of 1869, in memory of his father, Samuel Garver, is annually awarded to the student who has made the greatest progress in Greek during his Freshman year.

*Samuel Garver Latin Prize:* The income from a fund of \$500 established by the Rev. Austin S. Garver, A.M., Class of 1869, in memory of his father, Samuel Garver, is annually awarded to the student who has made the greatest progress in Latin during his Freshman year.

*Samuel P. Weaver Scholarship Foundation:* Established by Dr. Samuel P. Weaver, President of the Great Northwest Life Insurance Company, this

foundation awards the sum of \$40 to that member of the student body who writes the best essay on an assigned topic in the field of constitutional law and government.

*Sceptical Chymists Prize:* The sum of \$10, to encourage the presentation of meritorious talks, is awarded annually by the Sceptical Chymists to the member or pledge who delivers the best speech before the Society during the year.

*Stine Chemistry Prize:* The income from a fund of \$1,000 established by Charles M. A. Stine, Ph.D., Sc.D., LL.D., Wilmington, Del., Class of 1901, is awarded annually at the end of the Senior year to a student majoring in Chemistry. The winner of the prize is determined on the basis of his Chemistry grades, laboratory techniques, personality, general improvement in four years, and proficiency in the subject at the time of his selection.

Note: Only students who have been in residence during all of the period for which prizes are designated are eligible for the awards.

### *Scholarships and Aids for Students*

All scholarships are granted for one year only but are renewable if conditions warrant. All scholarship grants here referred to are applied directly to the students' College bills.

*Qualifications for a Scholarship.* In harmony with the action of other church-related colleges, Gettysburg has abolished special-category scholarships, such as those formerly given to the children of ministers and to athletes. This action does not necessarily deny a scholarship to the son or daughter of a minister or to an athlete, but imposes the same qualifications of character, ability, and need as apply to all other applicants.

*Application for a Scholarship.* All applications for scholarship aid should be made in writing to the President of the College before June 1 of each year. New students may obtain scholarship application forms from the President's Office after their applications for admission have been accepted by the *Committee on Admissions*.

### *College Scholarships*

The returns from a substantial endowment have been set aside to assist worthy students who cannot attend college without help. These scholarships are granted for a one-year period on the bases of character,

ability, and need. The amount of the scholarship varies with the need of the applicant.

*Endowed Scholarships*

*Bateman Scholarship:* The Rev. Sydney E. Bateman, M.D., Class of 1887, has established a scholarship fund of \$500, the income from which is awarded each year to a needy student preparing for the ministry. Applications for this scholarship must be handed to the President before June of the College year.

*Blough Scholarships:* Burton F. Blough, a former member of the Board of Trustees, established a scholarship endowment fund yielding three \$100 scholarships.

*Clarence A. and Myrtle B. Eyer Scholarship:* The interest on a fund of \$5,000 is available each year toward the payment of the tuition of a deserving student.

*Class of 1909 Fund:* A revolving loan fund inaugurated by the Class of 1909 has been established for the purpose of aiding worthy students.

*The Henry W. A. Hanson Scholarship Foundation:* This award was established by the Board of Trustees of Gettysburg College in honor of Henry W. A. Hanson and in recognition of his leadership and of his distinguished service to Gettysburg College and to the cause of education in the Lutheran Church and in the nation. The recipient shall be chosen from the members of the Senior Class who have successfully passed the Graduate Record Examination. If the Senior elected cannot accept, the next qualified candidate can be elected. If no member of the Senior Class is chosen, the Committee may select a member of a previous class. The grant is \$500 per year. No award of more than \$500 can be granted to any one fellow for any one year.

*Dr. Joseph B. Baker and Rena L. Baker Scholarship Fund:* The income from \$2,500 is to be given each year to a needy and deserving student in the Music Department to provide for special lessons in that department.

*Dr. John E. Meisenhelter Scholarship:* This award is the income from a bequest establishing a scholarship amounting to \$300 per year. The principal is held in the permanent Endowment Fund.

*Kirschner Scholarships:* Mr. and Mrs. C. J. Kirschner have established a scholarship endowment fund of \$10,000 to perpetuate the memory of their son, Alvan Ray Kirschner, who lost his life in World War I. The income is divided into two scholarships, which are awarded to students

under certain conditions which give preference to those from Hazleton and vicinity. Applications for the use of these scholarships should be made directly to Mr. C. J. Kirschner, Hazleton, Pa.

*McCollough Scholarship:* Mr. and Mrs. Charles B. McCollough have established the McCollough Scholarship as a memorial to their son, Charles B. McCollough, Jr. The annual income of this scholarship is awarded to two students at Gettysburg College on the bases of character, need, and ability.

*Margaret E. Fisher Memorial Fund:* Nelson E. Fisher has originated a fund of \$5,000 in memory of his mother, Margaret E. Fisher, the interest on which is to be applied to the tuition of the athlete who excels in one or more major sports and who achieves the highest scholastic average among winners of varsity letters.

*Miller-Dewey Education Fund:* The income from a fund of \$10,000 established by the late Rev. Adam B. Miller, A.M., a member of the Class of 1873, is annually available for the purpose of aiding deserving persons in obtaining an education at Gettysburg College. The graduates of Loysville Orphans Home have the first claim on these scholarships.

*Nellie and Bernard Oller Memorial Scholarship:* The interest on a fund of \$5,000, bequeathed by Mrs. Ida R. Gray, is available each year toward the payment of the tuition of a deserving student. This scholarship is awarded under certain conditions which give preference to students from Waynesboro, Pennsylvania.

*Rear Admiral Roger C. Heimer Scholarship:* A scholarship valued at \$200 per year is awarded to a member of the Junior Class chosen in accord with stipulations made by the donor.

*Rufus B. Weaver Scholarship Foundation:* The interest from a fund established by the widow of Rufus B. Weaver, a graduate of the College in 1862, is devoted to scholarships for deserving students.

*Stine Scholarships:* Charles M. A. Stine, Ph.D., Class of 1901, has established an endowment fund which makes available three \$100 scholarships known as the Milton H. Stine Scholarships. These are awarded each year to young men preparing for the Christian ministry. Dr. Stine established these scholarships in honor of his father and mother.

*Wellington Scholarship:* The interest on a fund of \$5,000, bequeathed by Senator George L. Wellington, is available each year toward the payment of the tuition of a deserving student.

*Loan Fund*

*Alumni Loan Scholarship Fund:* By resolution of the Alumni Council a portion of Loyalty Fund collections has been set aside as a Loyalty Student Loan Fund which is available only to members of the Senior Class. The funds so allocated may be lent to a student on his or her note, with at least one approved endorser, and shall be without interest until one year after the borrower's class graduates from Gettysburg College, and thereafter shall bear interest at the rate of six per cent per annum.

*Additional Aids*

Students enrolled in the Reserve Officers' Training Corps receive uniforms from the War Department during the Elementary Courses. Students enrolled in Advanced Courses of ROTC receive garrison rations plus the necessary uniforms (a total of about \$700 in two years including one six weeks' summer camp).

Part-time employment for a considerable number of students is provided by the College through the S.C.A. Employment Bureau and the Dean's Office.

# Courses of Instruction

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## General Education Courses

In view of the growing complexity of our civilization and our increasing awareness of individual responsibility, it has become apparent that premature specialization and the departmental isolation of students and teachers are no longer either ethically defensible or socially practicable. An education valid for our world must find its basis in an integrated understanding of man in his essential roles: as living creature in the natural universe, as inheritor of a rich and significant past, as participant in human institutions, and as discoverer (and creator) of patterns and values which give meaning to human existence. Similarly, the wise choice of a vocation and adequate training in its special techniques must be based upon an inclusive knowledge of the chief fields of human endeavor and some appreciation of the special potentialities and obligations of the various callings.

In an attempt to provide such foundations for its students, the College has established the following general courses, to which others may later be added. The first two are required of all students.

### 1. INTRODUCTION TO CONTEMPORARY CIVILIZATION

MR. CRAPSTER, MR. DUNKELBERGER, MR. FORTENBAUGH, MR. GLADFELTER, MR. HAYWARD, MR. JARVIS, MR. JOHNSON, MR. LANGERHANS, MR. RAITH, MR. RICHARDSON, MR. SCHUBART, MR. SMOKE, MR. STIPE, MR. STOKES, MR. STUART

A general education course introducing the student to the backgrounds of contemporary social problems through the major concepts, ideals, hopes, and motivations of western culture since the Middle Ages. *Six semester hours credit.*

Required of all Freshmen. Three hours, throughout the year.

### 2. LITERARY FOUNDATIONS OF WESTERN CULTURE

MR. AHRENS, MR. FREED, MR. HARTSHORNE, MR. KADERLY, MR. MASON, MR. SHAFFER, MR. SUNDERMEYER, MR. WARTHEN, MR. WEEKS, and MR. WOLFINGER

An introduction to the ideas and forms of Western thought, presented through reading and interpretation of selected classics: Homer through St. Augustine and Dante through Goethe. *Six semester hours credit.*

Required of all Sophomores. Three hours, throughout the year.

### 3. WORLD LITERATURE SINCE 1800

MR. SUNDERMEYER

The forming of contemporary thought in literary masterpieces of East and West.

*Six semester hours credit.*

Elective for Juniors and Seniors. Three hours, throughout the year.

## *Departmental Courses*

### *Bible*

#### (Biblical Literature and Religion)

*Professor WALTEMYER, Associate Professors WAGNILD and DUNKELBERGER, and Instructors  
STIPE, FREED, and GALLION*

Requirements for a major include 24 semester hours: Greek 6 and Philosophy 12 may be included. Courses 1a and 1b are prerequisite for all other courses in the department and may be counted toward a twelve-hour minor. Pre-theological students majoring in this department are required to have a minor in Greek.

- 1a. OLD TESTAMENT HISTORY MR. WALTEMYER, MR. WAGNILD,  
MR. DUNKELBERGER, MR. FREED, and MR. GALLION

The rise and progress of the Hebrew people with emphasis upon the religious truths which, through them, were communicated to the world in preparation for the advent of Christ. *Three semester hours credit.*

Required of all Freshmen.

Three hours, first semester.

- 1b. LIFE OF CHRIST MR. WALTEMYER, MR. WAGNILD,  
MR. DUNKELBERGER, MR. FREED, and MR. GALLION

The external aspects of Christ's life as it presented itself to those who witnessed it, with a view to an understanding of its eternal significance. *Three semester hours credit.*

Required of all Freshmen.

Three hours, second semester.

4. CHURCH HISTORY MR. WALTEMYER

An extension of the study of Christianity beyond its Biblical limits, as a continuous religious development from its New Testament origins to the present.

*Six semester hours credit.*

Three hours, throughout the year.

5. LITERARY STUDY OF THE BIBLE MR. DUNKELBERGER

The literary forms of the Bible as a guide to appreciation of its inward spirit.

*Two semester hours credit.*

Two hours, second semester.

6. EVIDENCES OF CHRISTIANITY MR. DUNKELBERGER

The theistic evidences and the proofs of the presence and action in the world of a supernatural redemptive power as these appear in the first Christian documents, and in Christian history, dealing with the questions which arise in the effort to intellectualize the content of the Christian revelation. *Three semester hours credit.*

Three hours, first semester.

8. RELIGIONS OF THE WORLD MR. WALTEMYER

A survey of the history and content of the great religions of the world, with a view to their comparison with Christianity and to a better understanding of the peoples of our day. *Three semester hours credit.*

Three hours, second semester.

10. NEW TESTAMENT HISTORY AND LITERATURE      MR. WALTEMYER  
The spread of Christianity from Jerusalem, through Palestine, to Antioch, through Asia Minor to Greece and then to Rome, with emphasis on the life and writings of Paul. *Three semester hours credit.*  
Three hours, first semester.
12. THE HEBREW PROPHETS      MR. DUNKELBERGER  
The prophets and their times, with a view to discovering the abiding principles contained in their messages. Effort is made to relate these principles to the present social order. *Two semester hours credit.*  
Two hours, second semester. Alternates with Course 5.  
Not given 1951-52.
13. CONTEMPORARY RELIGIOUS THOUGHT      MR. DUNKELBERGER  
An examination of the ideas of the religious leaders of our times and a consideration of major religious emphases to-day. *Three semester hours credit.*  
Three hours, first semester. Alternates with Course 6.  
Not given 1951-52.

## *Biology*

*Professor BOWEN, Associate Professor MESSER, Instructors GRUBE and HANNA, and Assistants*

Requirements for a major include a minimum of 32 semester hours, as approved by the adviser. A premedical major in Biology includes Biology 1, 2, 3, 4, and 5 and such courses in Physics, Chemistry, English, and modern foreign languages as are arranged with the adviser.

1. GENERAL BIOLOGY      MR. BOWEN, MR. MESSER, MR. GRUBE, and MR. HANNA  
Basic principles of structure and function in plants and in animals, including man. *Eight semester hours credit.*  
Three class hours and three laboratory hours, throughout the year.
2. VERTEBRATE ZOOLOGY      MR. MESSER  
Detailed examination of representative vertebrates, with special emphasis upon comparative anatomy, the physiological importance of organs, and the relationships existing among the various groups of vertebrate animals. *Four semester hours credit.*  
Prerequisite: Biology 1. Three class hours and three laboratory hours, first semester.
3. MAMMALIAN ZOOLOGY      MR. MESSER  
Detailed structure of a typical mammal and an introduction to human anatomy and physiology. *Four semester hours credit.*  
Prerequisites: Biology 1 and 2. Three class hours and three laboratory hours, second semester.
4. EMBRYOLOGY      MR. BOWEN  
Development from the germ cells to the establishment of the principal organs of the body, including both the anatomy and physiology of development. *Four semester hours credit.*  
Prerequisites: Biology 1 and 2. Three class hours and three laboratory hours, second semester.

## 5. HISTOLOGY

MR. BOWEN

The microscopic structure of the fundamental tissues and principal organs of the animal body, including the techniques of preparing materials for examination.

*Four semester hours credit.*

Prerequisites: Biology 1 and 2. Three class hours and three laboratory hours, first semester.

## 6. BOTANY

MR. GRUBE

A survey of plants, including their structures, physiological activities, and relations to man. Emphasis on field work.

*Three semester hours credit.*

Prerequisite: Biology 1. Two class hours and three laboratory hours, first semester.

## 7. FIELD WORK IN BIOLOGY

MR. GRUBE

The identification and distribution of plants and animals and the mutual relations between organisms and their environment. Particular emphasis upon the identification of birds.

*Three semester hours credit.*

Prerequisite: Biology 1. Two class hours and three field or laboratory hours, second semester.

## 8. GENERAL PHYSIOLOGY

MR. BOWEN

The mechanics and dynamics of living matter, with special reference to man.

*Eight semester hours credit.*

Prerequisites: Biology 1 and 2. Three class hours and three laboratory hours, throughout the year.

## 9. BIOLOGICAL SEMINAR

The use of scientific publications, including recent biological texts and current journals.

*Four semester hours credit.*

Course offered to Junior and Senior Biology majors only. Two class hours, throughout the year.

Not given 1951-52.

## 10. GENETICS

MR. HANNA

The fundamental principles of genetics as observed in common plants and animals, including man, and the relationships between genetics and development, physiology, and evolution.

*Two semester hours credit.*

Prerequisite: Biology 1. Two class hours.

Not given 1951-52.

## 11. GENERAL BACTERIOLOGY

MR. HANNA

The nature and importance of microorganisms, including yeasts, molds, bacteria, and pathogenic protozoa.

*Eight semester hours credit.*

Prerequisite: Biology 1. Three class hours and three laboratory hours, throughout the year.

Not given 1951-52.

## 13. PROBLEMS IN BIOLOGY

MR. BOWEN, MR. MESSER, MR. GRUBE and MR. HANNA

An introduction to special techniques and methods in biological investigation.

*Maximum credit of two semester hours each semester.*

Offered to Junior or Senior Biology majors who have the approval of the department for this particular course.

Hours and credit as arranged.

## 14. CONSERVATION

MR. GRUBE

An introduction to the general principles of conservation including the management of forests, soils, waters, fishes, birds, and mammals, and their importance in economic and cultural life. *Two semester hours credit.*

No prerequisites. Two class hours, first semester.

## 15. PREHISTORIC LIFE

MR. BOWEN

An introduction to the geologic history of plants and animals from the development of life to the beginning of historic time. *Two semester hours credit.*

No prerequisite. Two class hours, second semester.

## Chemistry

Professor ZINN, Associate Professors SLOAT and WEILAND and Assistant BENNETT

Requirements for a major include 1, 2a, 2b, 4 and 5. Premedical majors in Chemistry need in addition such courses in Biology, Physics, English, and modern foreign languages as are necessary to meet the requirements of the medical school of the student's choice. Other Chemistry majors may take advanced courses according to their needs and upon the advice of the head of the department.

## 1. GENERAL CHEMISTRY

MR. ZINN, MR. SLOAT, MR. WEILAND, and MR. BENNETT

The occurrences, properties, uses, and methods of preparation of the more common elements and their compounds and the theoretical principles involved. Special emphasis is placed upon the scientific method of reasoning and the application of chemical principles through the solving of problems. *Eight semester hours credit.*

Two lectures, one recitation, and three laboratory hours, throughout the year.

## 2a. QUALITATIVE ANALYSIS

MR. WEILAND

The methods commonly used in the analysis of salt mixtures, alloys, and silicates. Emphasis is placed on the theoretical aspects of the subject. *Four semester hours credit.*

Prerequisites: Chemistry 1 and Mathematics 1 and 2. Two lectures and six laboratory hours, first semester.

## 2b. QUANTITATIVE ANALYSIS

MR. WEILAND

Theory and practice of gravimetric and volumetric analysis. Familiarity with the work and principles is sought through the solution of problems.

*Four semester hours credit.*

Prerequisite: Chemistry 2a. Two lectures and six laboratory hours, second semester.

## 3. ADVANCED ANALYTICAL CHEMISTRY

MR. WEILAND

Lectures on the general principles of gravimetric, volumetric, electrolytic, and other methods. Laboratory application of typical methods. *Four semester hours credit.*

Recommended to prospective graduate students and industrial chemists.

Prerequisites: Chemistry 1, 2a, and 2b. Six laboratory hours, throughout the year.

## 4. ORGANIC CHEMISTRY

MR. ZINN

Systematic study of the compounds of the aliphatic and aromatic series with special emphasis upon relationships and synthesis of the more common compounds together with the study of their properties and technique of preparation in the laboratory.

*Eight semester hours credit.*

Prerequisite: Chemistry 1, 2a, 2b. Three lectures and three laboratory hours, throughout the year.

## 5. PHYSICAL CHEMISTRY

MR. SLOAT

Fundamental atomic and molecular theory, electron conception of valence, complex compounds, gases, solids, energetics, liquids, solutions, colloids, conductance, electromotive force, ionic equilibria. Chemical equilibria, physical properties of matter, and phase rule. Laboratory illustration of such of these principles as are of theoretical interest or of particular service in medical school or industrial practice.

*Eight semester hours credit.*

Prerequisites: Chemistry 1, 2a, and 2b, Physics 102, and Mathematics 6. Three lectures and three laboratory hours, throughout the year.

## 6. SPECIAL QUANTITATIVE METHODS

A course designed to acquaint the student with a large variety of the methods and apparatus used in the analysis of minerals, alloys, iron and steel, gases, water, carbon and nitrogen compounds, foodstuffs, and natural and artificial products by modern gravimetric, volumetric, electrometric, potentiometric, polarigraphic, colorimetric, and photometric methods.

*Hours and credit as arranged up to four semester hours.*

Prerequisites: Chemistry 1, 2a, 2b, and 3.

## 8. ADVANCED ORGANIC CHEMISTRY

MR. ZINN

Special topics in organic chemistry. Organic analysis and advanced preparations constitute the laboratory work. Recommended to prospective graduate students and industrial chemists.

*Eight semester hours credit.*

Prerequisite: Chemistry 4. Two lectures and six laboratory hours, throughout the year.

## 9. TEACHER'S COURSE

MR. SLOAT

A course designed to acquaint the prospective teacher with the practical aspects of administration and conduct of an elementary course in Chemistry. It consists of three hours of practical laboratory and a one hour seminar in which the student studies and becomes familiar with such subjects as the historical background of chemistry, the use of the scientific method in teaching chemistry, the selection and evaluation of texts, the problems of the teacher, the conduct of science and photographic clubs, the study of scientific periodicals and reference books, the conduct of research, the writing of technical papers, the care of the stock room, and the ordering of chemicals. Required of prospective teachers and graduate students.

Open to Juniors and Seniors.

*Four semester hours credit.*

One lecture and three laboratory hours, throughout the year.

## Dramatic Arts

Professor ARMS

## 1a. APPRECIATION OF THE THEATER

MR. ARMS

Current plays of the English-speaking stage discussed in detail.

*Two semester hours credit.*

One hour, throughout the year.

## 2. COACHING OF AMATEUR PLAYS

MR. ARMS

Methods of directing and producing amateur plays.

*Four semester hours credit.*

Two hours, throughout the year.

## *Economics and Business Administration*

Professor STOKES, Associate Professor LARKIN, Assistant Professors SALTZER, RILEY, and WILLIAMS, Instructor GLADFELTER, and Assistants

Requirements for a major include a minimum of 30 hours, including Economics 4, as approved by the adviser. Economics 3 is a prerequisite for all courses in Economics except 1, 2, and 4. With the adviser's approval, Mathematics 21, Mathematics of Investment, Mathematics 23, Statistics, and Mathematics 25, Costs and Depreciation, may be used as part of the course requirements for a major in Economics.

### 1. ECONOMIC GEOGRAPHY

MR. WILLIAMS and MR. GLADFELTER

The location and use of the world's economic resources. The course aims to provide a background for understanding industrial, commercial, and agricultural opportunities and limitations, with emphasis on climate, topography, population, and essential resources.

*Three semester hours credit.*

Open only to Freshmen, excepting with special permission of department. Three hours, first semester.

### 2. INDUSTRIES OF THE UNITED STATES

MR. WILLIAMS and MR. GLADFELTER

A survey of American industries, with emphasis on the origin, nature, and development of selected industries. Attention will be focused on the geographic basis, historical evolution, and current economic position and problems.

*Three semester hours credit.*

Freshman course. Three hours, second semester.

### 3A. PRINCIPLES OF ECONOMICS

A survey of the existing and changing economic order. An analysis of basic factors of production, exchange, distribution, and consumption of wealth. This course is designed to meet the requirements in economics of those who wish to be certified to teach social studies in the public schools of Pennsylvania. This course is not acceptable in partial fulfillment of the major and minor requirements of the department.

*Three semester hours credit.*

Three hours, second semester.

### 3. PRINCIPLES OF ECONOMICS

THE STAFF

A study of economic principles, problems, and policies with special emphasis on production, value, money, wages, interest, rent, profits, and consumption.

*Six semester hours credit.*

Sophomore course. Three hours throughout the year.

Required of all majors and minors in Economics. Recommended for all Political Science Majors.

### 4. ELEMENTARY ACCOUNTING

MR. SALTZER and MR. RILEY

Fundamental principles of modern accounting procedure, together with underlying basic financial statements and documents.

*Six semester hours credit.*

Sophomore and Junior course. Three class hours and two practice hours, throughout the year.

5. **INTERMEDIATE ACCOUNTING** MR. SALTZER  
Analysis of advanced accounting procedures necessary to satisfy the demands of modern management, creditors, owners, potential investors, and governmental requirements. *Six semester hours credit.*  
Junior and Senior course. Prerequisite: Economics 4. Three hours, throughout the year.
6. **CORPORATION FINANCE** MR. LARKIN  
The organization and operation of corporations with special emphasis on their methods of obtaining and using capital. *Six semester hours credit.*  
Prerequisite: Economics 4. Senior course. Three hours throughout the year.
8. **MARKETING ORGANIZATION** MR. LARKIN  
Methods, middlemen, and institutions employed in moving agricultural, industrial, and consumers' goods to market. *Three semester hours credit.*  
Junior course. Three hours, first semester.
9. **MARKETING PRACTICES AND POLICIES** MR. LARKIN  
Price policies, market analysis, and market management. *Three semester hours credit.*  
Prerequisite: Economics 8. Junior course. Three hours, second semester.
10. **BUSINESS LAW** MR. STOKES  
Legal rights and obligations arising out of common business transactions. *Three semester hours credit.*  
Students planning to enter a law school are advised not to take this course.  
Junior and Senior course. Three hours, second semester.
11. **LABOR PROBLEMS AND ORGANIZATION** MR. RILEY  
Background for understanding and analyzing labor relations. Labor union history, organization, and operation; labor market analysis and employment practices; labor legislation; collective bargaining; the rights and responsibilities of employers and employees. *Six semester hours credit.*  
Junior course. Three hours throughout the year.
12. **PERSONNEL MANAGEMENT** MR. WILLIAMS  
Scientific labor management and personnel administration. Emphasizes the economic and social background, use of statistical tools and specialized techniques in job evaluation, merit rating, selection and training of workers, and wage determination. *Three semester hours credit.*  
Prerequisite: Economics 11. Senior course. Three hours, second semester.
13. **INDUSTRIAL MANAGEMENT** MR. WILLIAMS  
An introduction to the field of industrial management with special emphasis on economic background, financing, research and engineering, etc. Plant selection, layout, production control, budgeting, purchasing, internal coordination and control. *Three semester hours credit.*  
Senior course. Three hours, first semester.
14. **TRANSPORTATION** MR. STOKES  
Development, operation, and coordination of rail, motor, and water transportation facilities and their regulation. *Three semester hours credit.*  
Junior and Senior course. Three hours, second semester.

## 16. MONEY AND BANKING

MR. STOKES

A study of the nature and functions of money and credit, credit instruments, monetary standards, classes and functions of banks, commercial bank operations, the structure and operations of the Federal Reserve System, theories of money value, credit control, monetary policy.

*Three semester hours credit.*

Senior course, first semester.

## 18. SENIOR READING COURSE

THE STAFF

Limited to a select number of Senior majors who maintain a B average in the department, and who desire to do extensive reading supplementing course work already taken. Recommendation of supervising instructor required before enrollment.

*Two semester hours credit.*

Two hours, either or both semesters.

## 19. ADVANCED ACCOUNTING

MR. SALTZER

An advanced course for accounting students designed to develop a critical capacity for understanding, interpreting, and analyzing data with respect to consolidated statements, liquidations, estates and trusts, receiverships and governmental and institutional accounting.

*Three semester hours credit.*

Prerequisite: Economics 5. Three hours, first semester.

## 20. FEDERAL TAXES

MR. SALTZER

An introduction to the study of federal taxes with emphasis on the accounting and management implications of the law. The preparation of returns and the analysis of current problem material will be required.

*Three semester hours credit.*

Prerequisite: Economics 5. Three hours, second semester.

## 22. HISTORY OF ECONOMIC THOUGHT

MR. STOKES

An analysis of the main contributions to economic thought from Adam Smith and his immediate predecessors to the present time.

*Three semester hours credit.*

Junior or Senior course. Offered in alternate years. First semester. Prerequisite: Economics 3. Not offered 1951-52.

## 24. PUBLIC FINANCE

MR. STOKES

The provision, custody, and disbursement of the resources required for the conduct of government functions, the various types of taxes and their economic effects, fiscal policy, the budget, management of the public debt.

*Three semester hours credit.*

Junior or senior course. Three hours, second semester.

Prerequisite: either Economics 3 or Political Science 1.

## *Education*

*Professor KRAMER, Associate Professor JOHNSON, and Assistant Professor LEE*

All students intending to teach should register with the Education Department by April 15th of their Freshman year.

Beginning with the class entering in September, 1949, students preparing to teach must follow a teacher curriculum approved by several states whose requirements are among the most rigid. Each subject-matter department has planned a suitable curricu-

lum for its majors to follow. All must take the following Education courses in the sequence shown below:

Education 1	History of Education in the United States.....	3
Education 2	Junior Combination Course.....	3
Education 5	Educational Psychology.....	3
Education 6	Introduction to High School Teaching.....	3
Education 10	Visual Education.....	3
Education 11	Student Teaching.....	6

Psychology 1, General Psychology, in the Sophomore year is a prerequisite for Education 5. All students except History majors must take History 6, History of the United States and of Pennsylvania, for Pennsylvania certification.

A grade of "B" or better must be attained in each subject presented for certification.

1. HISTORY OF EDUCATION IN THE UNITED STATES MR. KRAMER  
Development of education in the United States, with emphasis on Pennsylvania. Special attention is given to the qualifications of a good teacher, rating scales, a Teachers' Philosophy of Education, and professional ethics.  
Sophomore course. *Three semester hours credit.*
2. JUNIOR COMBINATION COURSE MR. JOHNSON  
Philosophy of education; principles of secondary education and school administration; curriculum construction; guidance. *Three semester hours credit.*  
Junior course. Three hours, either semester.
5. EDUCATIONAL PSYCHOLOGY MR. JOHNSON  
Application of the principles of psychology to classroom practice. *Three semester hours credit.*  
Prerequisite: Psychology 1. Junior course. Three hours, either semester.
6. INTRODUCTION TO HIGH SCHOOL TEACHING MR. KRAMER  
High school teaching techniques and classroom management. *Three semester hours credit.*  
Junior and Senior course. Three hours, either semester.
10. VISUAL EDUCATION MR. JOHNSON  
Improvement of teaching technique through the use of visual aids, together with a review of statistical methods, tests, and measurements. *Three semester hours credit.*  
Senior course. Three hours, either semester.  
Open only to students who expect to teach.
11. STUDENT TEACHING MR. KRAMER  
Consists of 180 hours of observation, participation, and teaching on the secondary school level. Student teaching is open only to a limited number of students, and must be arranged for in the Junior year. *Six semester hours credit.*  
Prerequisite: Education 6, and approval by the Faculty Committee on Student Teachers and by the heads of subject-matter departments. Senior course. Six hours as arranged, either semester.
14. EDUCATIONAL AND PSYCHOLOGICAL MEASUREMENTS  
A comprehensive survey of tests, inventories, instruments, and statistical computations used in psychology and education. *Three semester hours credit.*  
Prerequisite: Psychology 1. Junior and Senior course. Three hours, first semester.

## 40. PRINCIPLES OF GUIDANCE AND PERSONNEL WORK

MISS LEE

A general introduction to basic principles of personnel administration for student counselors.

*Three semester hours credit.*

Junior and Senior course. Three hours, first semester.

## *English*

### (Composition, Literature, and Speech)

*Professor WARTHEN, Associate Professor MASON, Assistant Professors WOLFINGER and BOLICH, and Instructors TAYLOR, KADERLY, WEEKS, SACHS, and SCHLACK*

The requirement for a major is a minimum of 24 semester hours of English literature, including Courses 1, 2a, 4a, 2b or 4b, 6 or 10, and 9 or 12 or 18. Majors who expect to teach in the public schools should take Courses 5a and 13. English A is a prerequisite for all other courses in English.

## COMPOSITION

## A. ENGLISH COMPOSITION

MR. WOLFINGER, MR. BOLICH,

MR. KADERLY, MR. WEEKS, MRS. TAYLOR, MISS SACHS, and MR. SCHLACK

Review of fundamentals of grammar, practice in writing, and interpretative reading. Required of all freshmen.

*Six semester hours credit.*

Three hours, throughout the year.

## 16. JOURNALISM

MRS. TAYLOR

Introduction to the techniques of newspaper writing and editing.

*Two semester hours credit.*

Two hours, either semester.

## 17. CREATIVE WRITING

MRS. TAYLOR

Technique of writing essays, short stories, etc. Open to all students, except Freshmen, with the approval of the instructor.

*Four semester hours credit.*

Two hours, both semesters. (Credit granted for one semester.)

## LITERATURE

## 1. ENGLISH LITERATURE

MR. MASON

A survey of English literature from *Beowulf* to the end of the nineteenth century. Required sophomore course for English majors.

*Six semester hours credit.*

Three hours, throughout the year.

## 2a. SHAKESPEARE

MR. WARTHEN

Eighteen plays and recent critical writing about Shakespeare.

*Three semester hours credit.*

## 2b. ROMANTIC REVIVAL

MR. WARTHEN

Wordsworth, Coleridge, Byron, Shelley, and Keats.

*Three semester hours credit.*

Three hours, second semester.

## 3. THE ENGLISH NOVEL

MR. WARTHEN

Historical development of the English novel from Defoe to the twentieth century.

*Six semester hours credit.*

Two hours, throughout the year.

- 4a. CHAUCER MR. WARTHEN  
*The Canterbury Tales, Troilus and Criseyde, and several shorter poems.*  
*Three semester hours credit.*  
 Three hours, first semester.
- 4b. THE EIGHTEENTH CENTURY MR. WARTHEN  
 The chief poets and prose writers of the neo-classical period.  
*Three semester hours credit.*  
 Three hours, second semester.
- 6a. AMERICAN POETRY MR. MASON  
 From Bryant to Lanier; emphasis on critical interpretation.  
*Three semester hours credit.*  
 Three hours, first semester.
- 6b. AMERICAN PROSE MR. MASON  
 Selections from the eighteenth and nineteenth centuries. *Three semester hours credit.*  
 Three hours, second semester.
9. MODERN DRAMA MR. WOLFINGER  
 From Ibsen to O'Neill.  
*Three semester hours credit.*  
 Three hours, first semester.
- 10a. ENGLISH DRAMA MR. WOLFINGER  
 From the liturgical play to 1660.  
*Three semester hours credit.*  
 Three hours, first semester.
- 10b. ENGLISH DRAMA MR. WOLFINGER  
 From 1660 to the rise of the New Drama.  
*Three semester hours credit.*  
 Three hours, second semester.
11. LITERARY CRITICISM MR. MASON  
 Reading and discussion of important critical writings, old and new.  
*Three semester hours credit.*  
 Prerequisites: two advanced courses. Senior course. Three hours, second semester.
12. VICTORIAN POETRY MR. MASON  
 Chiefly Tennyson and Browning; some attention to Arnold and the Pre-Raphaelites.  
*Three semester hours credit.*  
 Three hours, first semester.
13. METHODS OF TEACHING ENGLISH MR. BOLICH  
 The theory of teaching functional grammar, composition, and literature.  
*Two semester hours credit.*  
 Junior course. Three hours, either semester.
14. SENIOR READING COURSE MR. WARTHEN  
 Reading and discussion of selected writings, chiefly of the sixteenth and seventeenth centuries.  
*Four semester hours credit.*  
 Two hours, throughout the year.
18. MODERN POETRY MR. MASON  
 English and American poets of the present century. *Three semester hours credit.*  
 Three hours, first semester.

## SPEECH

## 5a. BASIC SPEECH

MR. BOLICH

Study of the fundamentals underlying good speech, and practice in speaking.

*Two semester hours credit.*

Two hours, either semester.

## 5b. ADVANCED SPEECH

MR. BOLICH

Study of the purposes and forms of oral English, and practice in extemporaneous speaking.

*Two semester hours credit.*

Prerequisite, English 5a. Two hours, second semester.

## 15. ORAL INTERPRETATION OF LITERATURE

MR. BOLICH

The principles and methods of oral interpretation, with careful consideration of phonetics, pronunciation, and enunciation.

*Two semester hours credit*

Prerequisite: English 5a. Two hours, first semester.

## 19. PRINCIPLES OF RADIO SPEECH

MR. BOLICH

The principles of radio speaking and script writing; problems of production.

*Two semester hours credit.*

Prerequisite: English 5a. Two hours, second semester.

*Fine Arts**Professors SUNDERMEYER and KRAMER, and Assistant Professor LANGERHANS*

These appreciation courses treat the principal art epochs and endeavor to show how the art of each period is the expression of its spiritual life.

## 1. ARCHITECTURE

MR. LANGERHANS

The interrelation of materials, technology, purpose, and form in architecture; history of architecture; city planning.

*Two semester hours credit.*

Two hours, first semester.

## 2. PAINTING

MR. SUNDERMEYER

The history of painting, the great painters, the contribution of painting to the arts.

*Two semester hours credit.*

Two hours, second semester.

## 3. ORIENTAL ART

MR. KRAMER

Chiefly Chinese, although some attention will be given to Japanese, Hindu, and Persian art. The history, traditions, and culture will form the background for studying bronzes, pottery, jades, painting, architecture, etc. Material from museums and collections will be used.

*Two semester hours credit.*

One hour, throughout the year.

MUSIC APPRECIATION—See Music 1a.

MUSIC DRAMA—See Music 2a.

THE SYMPHONY—See Music 2b.

*French*

(See Romance Languages)

## German

*Professor SUNDERMEYER, Associate Professor AHRENS, and Assistant Professors  
KEPPLER and LANGERHANS*

Requirements for a major include Courses 2, 3, 6, 12, 13, and 15. The teaching minor consists of 18 semester hours and must include Courses 6, 12, and 13. Courses 14 and 15 count as six semester hours in the original provided they are taken together. Courses 2, 3, 4, 7, 10, 11, 14, and 16 may be applied in fulfillment of the literature requirement.

### GERMAN LANGUAGE

- |   |                                      |
|---|--------------------------------------|
| A. ELEMENTARY GERMAN  | MR. SUNDERMEYER and STAFF            |
| The essentials of grammar; reading of simple prose and poetry.  |                                      |
|   | <i>Six semester hours credit.</i>    |
| Three hours, throughout the year.   |                                      |
|   |                                      |
| 1. INTERMEDIATE GERMAN  | MR. SUNDERMEYER and STAFF            |
| Review of grammar; reading of standard German.  |                                      |
|   | <i>Six semester hours credit.</i>    |
| Prerequisite: German A. Three hours, throughout the year.   |                                      |
|   |                                      |
| A-1. ELEMENTARY-INTERMEDIATE GERMAN   | MR. AHRENS                           |
| An accelerated course for those who wish to do two years' work in one year.   |                                      |
|   | <i>Twelve semester hours credit.</i> |
| Six hours, throughout the year.   |                                      |
|   |                                      |
| 6. COMPARATIVE PHILOLOGY  | MR. AHRENS                           |
| A general introduction to linguistic science. The first semester is devoted to the development from Indo-European to the Germanic languages, and the second semester to the development of the German language. |                                      |
|   | <i>Two semester hours credit.</i>    |
| One hour, throughout the year.  |                                      |
|   |                                      |
| 12. COMPOSITION   | MR. LANGERHANS                       |
| The practice of writing idiomatic German.   |                                      |
|   | <i>Two semester hours credit.</i>    |
| One hour, throughout the year.  |                                      |
|   |                                      |
| 13. CONVERSATION  | MR. LANGERHANS                       |
| The practice of speaking German.  |                                      |
|   | <i>Four semester hours credit.</i>   |
| Two hours, throughout the year.   |                                      |

### GERMAN LITERATURE AND CIVILIZATION

- |  |                                   |
|--|-----------------------------------|
| 2. THE CLASSICAL PERIOD  | MR. SUNDERMEYER                   |
| Reading and interpretation of German Classical writers, including Lessing, Goethe, and Schiller. |                                   |
|  | <i>Six semester hours credit.</i> |
| Prerequisite: German 1. Three hours, throughout the year.  |                                   |
|  |                                   |
| 3. THE 19TH CENTURY  | MR. AHRENS                        |
| Reading and interpretation of German writings from Heinrich von Kleist to Gerhart Hauptmann.     |                                   |
|  | <i>Six semester hours credit.</i> |
| Prerequisite: German 1. Three hours, throughout the year.  |                                   |

4. LUTHER MR. AHRENS  
 An advanced course devoted to the study of selections from Luther's German writings. *Two semester hours credit.*  
 One hour, throughout the year.
7. GERMAN SCIENTIFIC PROSE MR. KEPPLER  
 Selections of literary merit from authors in the field of the natural sciences. *Six semester hours credit.*  
 Prerequisite: German 1. Three hours, throughout the year.
8. GERMAN SCIENTIFIC PROSE MR. KEPPLER  
 Readings adapted to individual needs of students majoring in any of the exact sciences. *Two semester hours credit.*  
 One hour, throughout the year.
10. GOETHE'S FAUST MR. SUNDERMEYER  
 Goethe's *Faust*, I and II. *Six semester hours credit.*  
 Two hours and collateral reading, throughout the year.
11. CONTEMPORARY LITERATURE MR. KEPPLER  
 Selections from contemporary literature. *Six semester hours credit.*  
 Two hours and collateral reading, throughout the year.
14. ADVANCED GERMAN PROSE MR. LANGERHANS  
 Readings in the fields of fiction, history, and philosophy, selected to coordinate with German 15. *Four semester hours credit.*  
 Two hours, throughout the year.
15. HISTORY OF GERMAN CIVILIZATION MR. KEPPLER  
 Lecture course in English. Open to all students. Credit given in the Departments of German and History. *Two semester hours credit.*  
 One hour, throughout the year.
16. SEMINAR IN GERMAN LITERATURE MR. SUNDERMEYER  
 A reading course conducted in German. *Six semester hours credit.*  
 Hours to be arranged.

## Greek

*Professor SHAFFER and Instructor FREED*

Requirements for a major include 24 hours above the A course as approved by the adviser, and may include Philosophy 10, first semester. Courses 1, 2, 5, 6, 7, 8, 9, 10, 13, and 14 may be used in fulfillment of the literature requirement in a foreign language. Students planning to do graduate work in Greek should take college Latin courses.

- A. ELEMENTARY GREEK MR. SHAFFER  
 An elementary course for beginners. *Six semester hours credit.*  
 Three hours, throughout the year.
- B. INTERMEDIATE GREEK MR. SHAFFER  
 Selections from Xenophon and Homer. Prose composition. *Six semester hours credit.*  
 Prerequisite: Greek A. Three hours, throughout the year.

1. HERODOTUS MR. SHAFFER  
 Reading of selections, with lectures and reports on literary and historical background. *Three semester hours credit.*  
 Prerequisites: Greek A and B. Three hours, first semester. \*
2. GREEK TRAGEDY MR. SHAFFER  
 Selected plays, with lectures and reports on the literary, religious, and philosophical background. *Three semester hours credit.*  
 Prerequisites: Greek A and B. Three hours, second semester. \*
3. GREEK LITERATURE IN ENGLISH MR. SHAFFER and MR. FREED  
 Reading and study of selected masterpieces of Greek literature. *Three semester hours credit.*  
 Knowledge of Greek not required.  
 Three hours, first semester.
4. GREEK HISTORY MR. SHAFFER  
 A survey of Hellenic civilization from the earliest times to the Hellenistic age, with special emphasis on the sources. *Three semester hours credit.*  
 Knowledge of Greek not required.  
 Three hours, second semester.
5. GREEK MUSIC MR. SHAFFER  
 Greek musical theory and practice. Restricted to advanced students. *Three semester hours credit.*  
 Prerequisite: Greek A and B, and an elementary knowledge of music.  
 Three hours, first semester. \*
6. NEW TESTAMENT MR. SHAFFER  
 Readings in Hellenistic Greek, with special attention to the language of the New Testament. *Three semester hours credit.*  
 Prerequisites: Greek A and B. (May be taken simultaneously with Greek B.)  
 Three hours, second semester.
7. PLATO MR. FREED  
 The *Apology* and *Crito*, with selections from other dialogues. A study of Socrates. *Three semester hours credit.*  
 Prerequisites: Greek A and B. (May be taken simultaneously with Greek B.) Three hours, first semester.
8. HOMER MR. SHAFFER  
 The *Iliad* or the *Odyssey*, with lectures and reports on literary and cultural backgrounds. *Three semester hours credit.*  
 Prerequisites: Greek A and B. Three hours, second semester. \*
9. GREEK LYRIC POETRY AND PROSE COMPOSITION MR. SHAFFER  
 A survey of Greek poetic literature and a review of syntax. *Three semester hours credit.*  
 Prerequisites: Greek A and B. Three hours, second semester. \*

\* To be given if needed.

10. GREEK ORATORY MR. SHAFFER  
 Selected orations in Greek and the *Rhetoric* of Aristotle in English.  
*Three semester hours credit.*  
 Prerequisites: Greek A and B. Three hours, first semester. \*
11. THE ANCIENT HISTORY OF THE NEAR EAST MR. SHAFFER  
 Survey of the ancient civilizations of southwestern Asia and of Egypt.  
 Knowledge of Greek not required. *Three semester hours credit.*  
 Three hours, first semester. \*
12. GREEK COMEDY MR. SHAFFER  
 Selected plays in Greek and collateral readings in English. Lectures and reports on historical and literary backgrounds. *Three semester hours credit.*  
 Prerequisites: Greek A and B. Three hours, first semester. \*
13. READINGS IN GREEK PHILOSOPHY MR. SHAFFER  
 Selected texts illustrating the history of Greek philosophy will be read in the original and discussed. The course will be integrated as far as possible with Philosophy 10. *One semester hour credit.*  
 One hour, first semester. \*
14. READING COURSE IN GREEK OLD TESTAMENT MR. FREED  
 Reading of selections, with special attention to the grammar and syntax of Hellenistic Greek. Lectures on historical background. *Three semester hours credit.*  
 Three hours, either semester.  
 Prerequisite: Greek 6. Approval of the Department is required.

### *Health and Physical Education*

*Professor* BILHEIMER, *Associate Professor* BREAM, *Assistant Professors* BARTHOLOMEW, COLE, KENNEY, and YOVICSIN, *and Instructor* SHAINLINE

The department offers a complete teacher training program, approved by the Pennsylvania State Council of Education, which is open to both men and women. Students enrolled in the program must meet all requirements for the liberal arts degree in addition to taking all courses listed below and such other courses as may be required by the department. Health and Physical Education majors are required to take Health and Physical Education 1 and 2.

All other students entering as Freshmen are required to take either courses 1 and 2 or Military or Air Science 1 and 2.

#### 1. FRESHMAN ACTIVITIES

MISS KENNEY, MR. YOVICSIN, MR. SHAINLINE, and MR. COLE

Participation in a variety of individual and team activities with emphasis upon the acquisition of skills. Elementary personal hygiene, safety, first-aid, rules and regulations of games.

An additional hour of hygiene is required of women students.

Activities for Men: Volleyball, Football, Basketball, Wrestling, Table Tennis, Boxing, Archery, and Badminton.

Activities for Women: Field Hockey, Basketball, Volleyball, Swimming, Archery, Softball, and Tennis.

*Four semester hours credit.*

Two hours, throughout the year.

\*To be given if needed.

**2. SOPHOMORE ACTIVITIES**

MISS KENNEY, MR. YOVICIN, MR. SHAINLINE, and MR. COLE

An individualized program of activities participation, based upon ability and progress.

Activities for Men: Golf, Soccer, Tumbling, Gymnastics, Dancing, Swimming, Tennis, and Softball.

Activities for Women: Field Hockey, Tennis, Softball, Basketball, Archery, Volleyball, Swimming, Golf, Folk Dancing, and Tennis. *Four semester hour credits.*

Two hours, throughout the year.

**5. AQUATICS**

MISS KENNEY and MR. SHAINLINE

Teaching methods and techniques in elementary strokes, elementary diving, life-saving, water safety. *Two semester hours credit.*

Three hours, throughout the year.

**6. INTRODUCTION TO PHYSICAL EDUCATION**

MR. COLE

A general overview of the field, with special emphasis upon developing an understanding and appreciation of the importance, need, and purpose of health and physical education. *Two semester hours credit.*

Two hours, second semester.

**7. METHODS IN ACTIVITIES, I**

MR. BARTHOLOMEW

Methods and techniques of class organization and instruction in a variety of indoor physical education activities. *Four semester hours credit.*

Two two-hour periods, throughout the year.

**8. METHODS IN ACTIVITIES, II**

STAFF

Methods and techniques of class organization and instruction in a variety of outdoor physical education activities. *Four semester hours credit.*

Two two-hour periods, throughout the year.

**10a. PERSONAL HYGIENE**

MR. BARTHOLOMEW

Practical aspects of the every-day life of the individual in respect to personal hygiene. Special emphasis is placed upon the acquisition of desirable attitudes toward personal health. *Two semester hours credit.*

Two hours, first semester.

**10b. COMMUNITY HYGIENE**

MR. BARTHOLOMEW

The role of official and non-official community organizations in the health of the individual, from the viewpoint of administration and service. As a practical approach, conditions in the home, school, and community at large will be analyzed. *Two semester hours credit.*

*Two semester hours credit.*

Two hours, second semester.

**12a. METHODS AND MATERIALS OF HEALTH EDUCATION**

MR. BARTHOLOMEW

The developing child, and an analysis of methods of teaching health. Sources, uses, and evaluation of health materials, along with curriculum construction, will also be considered. *Two semester hours credit.*

Prerequisites: Physical Education 10a and 10b.

Two hours, first semester.

- 12b. HEALTH SERVICE AND SUPERVISION MR. BARTHOLOMEW  
Emphasizes the past, present, and probable future legislation in health, along with the administrative and supervisory aspects of the program. Also included is a survey of pre-school and post-school health services. *Two semester hours credit.*  
Prerequisites: Physical Education 10a and 10b.  
Two hours, second semester.
13. PRINCIPLES AND CURRICULUM PLANNING MR. BARTHOLOMEW  
An evaluation of principles and their application in planning a modern physical education program. *Three semester hours credit.*  
Three hours, second semester.
14. ANATOMY AND PHYSIOLOGY MR. BARTHOLOMEW  
A combination theoretical and practical study of human structure and function. Analysis of the effects of health and physical education activities on the body. *Six semester hours credit.*  
Three hours, throughout the year.
15. METHODS OF PHYSICAL EDUCATION MR. COLE  
Common methods, with emphasis upon class management, preparation, program planning, motivation, and evaluation. *Three semester hours credit.*  
Three hours, first semester.
16. METHODS OF ATHLETIC COACHING AND OFFICIATING MR. COLE  
The individual qualifications of the coach and official, techniques of coaching and officiating, and common methods for specific activities. *Two semester hours credit.*  
Two hours, second semester.
17. ADMINISTRATION OF HEALTH AND PHYSICAL EDUCATION MR. COLE  
The legal aspects, administrative problems, personnel relations, social interpretation, budget and finance, plant and office management. *Three semester hours credit.*  
Three hours, first semester.
18. ADMINISTRATION OF RECREATION AND CAMPING MISS KENNEY  
The theory of, and need for, play, personnel qualifications, administration, and program of activities for all age groups. Students will be afforded the opportunity for practical experience in camp administration and community recreation. *Three semester hours credit.*  
Three hours, second semester.
19. PHYSICAL EDUCATION FOR THE HANDICAPPED MISS KENNEY  
Misconceptions, causes of handicaps, specific handicaps, and the remedial program, the orthopedic examination, and administration. Students will have opportunity for practical experience. *Two semester hours credit.*  
Prerequisite: Physical Education 14.  
Two hours, first semester.
21. CARE AND PREVENTION OF INJURIES MR. BARTHOLOMEW  
The official Red Cross First Aid course with emphasis upon the practical aspects of symptom recognition and safety. *One semester hour credit.*  
One two-hour period, second semester.

## 22. TESTS AND MEASUREMENTS

MR. BARTHOLOMEW

Fundamental statistics, a survey of tests, and a study of general evaluation instruments. Elective for Juniors and Seniors.

*Two semester hours credit.*

Two hours, first semester.\*

*History**Professor FORTENBAUGH and Instructors BLOOM and CRAPSTER*

Requirements for a major include Courses 1, 20, and 21. All minors are required to take History 1 as their first course. Courses 1, 3a, 3b, 6, 10, and 11 are open to Sophomores; all other courses are upper-class courses. English majors and pre-law students are advised to take History 2.

## 1. HISTORY OF WESTERN CIVILIZATION

MR. BLOOM

A survey from pre-literary times to the present, describing the growth of social institutions.

*Six semester hours credit.*

Three hours, throughout the year.

## 2. HISTORY OF ENGLAND

MR. CRAPSTER

A survey from the Roman times to the present, emphasizing institutional and cultural developments.

*Six semester hours credit.*

Three hours, throughout the year.

## 3a. HISTORY OF THE UNITED STATES TO 1865

MR. FORTENBAUGH and MR. BLOOM

3a and 3b give a survey from the discovery and early explorations to the present.

These courses will, with History 9, meet the requirements for certification to teach in the public schools of Pennsylvania.

*Three semester hours credit.*

## 3b. HISTORY OF THE UNITED STATES SINCE 1865

MR. FORTENBAUGH and MR. BLOOM

*Three semester hours credit.*

Three hours, second semester.

## 4. THE UNITED STATES, 1899-1939.

MR. FORTENBAUGH

An intensive study of this important forty-year period with emphasis upon economic and social development.

*Three semester hours credit.*

Prerequisite: History 3 or 6.

Three hours, first semester.

## 5. AMERICAN ECONOMIC HISTORY

MR. FORTENBAUGH

A study of economic life and forces throughout the history of the United States.

*Three semester hours credit.*

Three hours, second semester.

## 6. HISTORY OF THE UNITED STATES AND OF PENNSYLVANIA

MR. BLOOM

A course for non-history majors which will meet the requirements for certification to teach in the public schools of Pennsylvania.

*Six semester hours credit.*

Three hours, throughout the year.

\* To be given if needed.

7. AMERICAN CONSTITUTIONAL HISTORY MR. BLOOM  
Origins and development of the Constitution of the United States, considering its political theories, judicial interpretation, and institutional forms.  
*Three semester hours credit.*  
Prerequisite: History 3 or 6.  
Three hours, first semester.
8. SELECTED TOPICS IN AMERICAN HISTORY MR. BLOOM  
An advanced course offering intensive study of special topics or periods.  
*Three semester hours credit.*  
Prerequisite: History 3 or 6.  
Three hours, second semester.
9. HISTORY OF PENNSYLVANIA MR. FORTENBAUGH  
The Commonwealth from colonial days to the present. This course will, with History 3, meet the requirements for certification to teach in the public schools of Pennsylvania.  
*Two semester hours credit.*  
Two hours, second semester.
10. EUROPE FROM THE RENAISSANCE TO 1789 MR. CRAPSTER  
A survey of European history in the early modern period—the Renaissance, the age of discoveries, the Reformation, the growth of the national states, the Enlightenment.  
*Three semester hours credit.*  
Three hours, first semester.
11. EUROPE FROM 1789 TO 1815 MR. CRAPSTER  
An intensive study of the political and intellectual developments taking place in Europe during the French Revolutionary and Napoleonic eras.  
*Three semester hours credit.*  
Three hours, second semester.
12. EUROPE FROM 1815 TO 1914 MR. CRAPSTER  
A survey of European history from the Congress of Vienna to the First World War.  
*Three semester hours credit.*  
Three hours, first semester.
13. EUROPE SINCE 1941 MR. CRAPSTER  
A survey of recent European history in its world setting. *Three semester hours credit.*  
Three hours, second semester.
20. HISTORICAL METHOD MR. FORTENBAUGH  
For Junior majors and other qualified students who expect to teach history.  
*Three semester hours credit.*  
Three hours, first semester.
21. UNDERGRADUATE SEMINAR  
MR. FORTENBAUGH, MR. BLOOM and MR. CRAPSTER  
Practice in the criticism and exploitation of historical sources. For Junior or Senior majors.  
*Two semester hours credit.*  
Prerequisite: History 20. Two hours, to be arranged, second semester.

## Latin

Professor GLENN and Instructor FREED

Requirements for a major include Courses 1, 2, 3, 4, 10, 11, 13, and two courses from 5, 6, 7, and 8. Courses 1, 2, 3, 4, 6, 7, and 8 may be applied in fulfillment of the literature requirement in the original. Students planning to do graduate work in Latin should take college Greek courses.

### B-C. VERGIL

MR. GLENN

Selections from the *Aeneid*.

*Six semester hours credit.*

Prerequisites: Two years of secondary school Latin. Three hours, throughout the year.

### 1. ROMAN PROSE AND POETRY

MR. GLENN

Selections from Livy, Catullus, and other authors.

*Three semester hours credit.*

Prerequisites: Four years of secondary school Latin, or Latin B-C. Three hours, first semester.

### 2. HORACE

MR. GLENN

Selections from the *Odes*, *Epodes*, *Satires*.

*Three semester hours credit.*

Three hours, second semester.

### 3. CICERO'S LETTERS

MR. FREED

Life and literature in Cicero's time.

*Three semester hours credit.*

Three hours, first semester.

### 4. ROMAN COMEDY

MR. GLENN

Selections from Plautus and Terence. Survey of the Roman Theatre; origin and development of Roman drama.

*Three semester hours credit.*

Three hours, second semester.

### 5. ROMAN LAW

MR. GLENN

Development and content of Roman Private Law. A knowledge of Latin is not required.

*Two semester hours credit.*

Alternates with Course 7. Two hours, first semester. Not given 1951-52.

### 6. ROMAN PHILOSOPHY

MR. GLENN

Lucretius, *On the Nature of Things*.

*Two semester hours credit.*

Alternates with Course 8. Two hours, second semester. Not given 1951-52.

### 7. MEDIEVAL LATIN

MR. GLENN

Selections representing history, anecdote, the epistle, the drama, the essay, the dialogue, the novel, and epic, lyric, pastoral, didactic, and satiric verse, and introducing the literature written in the universal language of the ecclesiastical and learned European world, ranging from the fifth century to the seventeenth century.

*Two semester hours credit.*

Alternates with Course 5. Two hours, first semester.

**8. ROMAN ELEGY**

MR. GLENN

Selections from Catullus, Tibullus, Propertius, and Ovid. Seminar methods, with practice in original research. *Two semester hours credit.*

Alternates with Course 6. Two hours, second semester.

**10. LATIN LITERATURE IN ENGLISH**

MR. GLENN and MR. FREED

A historical and critical survey of Roman Literature with a more intensive study of selected works. Attention is given to the relation of Roman Literature to other literatures. A knowledge of Latin is not required. *Three semester hours credit.*

Three hours, second semester.

**11. ROMAN HISTORY AND CIVILIZATION**

MR. GLENN

The history of the Republic and the Empire, supplemented by a brief study of various topics, such as Roman art, science, religion, political institutions, private life, etc., and their influence on modern life. A knowledge of Latin is not required. *Three semester hours credit.*

Three hours, first semester.

**13. LATIN PROSE COMPOSITION**

MR. GLENN

*Two semester hours credit.*

One hour, throughout the year.

**15. WORD-BUILDING**

MR. GLENN

A course designed to aid pre-medical students and those of other sciences who desire to become familiar with scientific terminology and roots. A study is made of repeatedly used prefixes, endings, and key words from which scientific terms are compounded. The knowledge of Latin, while very useful, is not required of those who take the course. *Two semester hours credit.*

One hour, throughout the year.

## *Mathematics*

*Professor ARMS, Associate Professor ZIEGLER, Instructor EVES*

Requirements for a major include Mathematics 6, and six semester hours chosen from Courses 8, 9, 10, or 14. With adviser's approval. Mathematics 21, Mathematics of Investment, Mathematics 23, Statistics, and Mathematics 25, Costs and Depreciation, may be used as part of the course requirements for a major in Economics.

**A. BASIC MATHEMATICS**

MR. EVES

A general course including the fundamental principles of algebra, geometry and trigonometry and their applications to human affairs. (Required of all students who do not qualify in the Mathematics Placement test.) *Six semester hours credit.*

**1a. COLLEGE ALGEBRA**

MR. EVES

A review of elementary algebra, the elementary theory of equations, complex numbers, the binomial theorem. *Three semester hours credit.*

Prerequisite: one unit of Algebra. Three hours, first semester.

## 1b. PLANE TRIGONOMETRY AND ALGEBRA

MR. EVES

Definitions and properties of the trigonometric functions; solutions of triangles.

*Three semester hours credit.*

Prerequisites: one unit of algebra and one unit of geometry. Three hours, second semester.

## 2. ELEMENTARY ANALYSIS

MR. ZIEGLER

A review of advanced algebra, trigonometry, plane analytical geometry, and an introduction to calculus.

*Six semester hours credit.*

Prerequisite: three units in mathematics including trigonometry. Three hours, throughout the year.

## 5. ANALYTIC GEOMETRY

MR. ZIEGLER

Plane and solid analytic geometry, and an introduction to calculus.

*Six semester hours credit.*

Prerequisites: Mathematics 1a and 1b, or the equivalent. Three hours, throughout the year.

## 6. DIFFERENTIAL AND INTEGRAL CALCULUS

MR. ARMS

The fundamental formulae of differentiation and integration, with applications.

*Six semester hours credit.*

Prerequisite: Mathematics 2 or 5. Three hours, throughout the year.

## 8. MODERN GEOMETRY

MR. EVES

Prerequisite: Mathematics 6. Qualified students may register for one or more of the following with the approval of the Mathematics Adviser:

## 8A. COLLEGE GEOMETRY (SYNTHETIC)

*Four semester hours credit.*

Two hours, throughout the year.

## 8B. ANALYTICAL GEOMETRY OF SPACE

*Four semester hours credit*

Two hours, throughout the year.

## 8C. PROJECTIVE GEOMETRY (SYNTHETIC)

Two hours, throughout the year.

*Four semester hours credit.*

## 9. MODERN ANALYSIS

MR. ARMS

Prerequisite: Mathematics 6. Qualified students may register for one or more of the following with the approval of the Mathematics Adviser.

## 9A. DIFFERENTIAL EQUATIONS

Two hours, throughout the year.

*Four semester hours credit.*

## 9B. HIGHER CALCULUS

Two hours, throughout the year.

*Four semester hours credit.*

## 9C. THEORY OF FUNCTIONS OF A COMPLEX VARIABLE

Two hours, throughout the year.

*Four semester hours credit.*

## 10. METHODS OF TEACHING

MR. ZIEGLER

Methods of teaching high school mathematics supplemented with practice teaching and observation.

*Four semester hours credit.*

Three periods, throughout the year.

## 14. READING COURSE

MR. EVES

Supervised reading in pure and applied mathematics for Junior and Senior majors. Conference hours and *semester hours credit* as arranged.

## \*21. MATHEMATICS OF INVESTMENT

MR. ZIEGLER

Compound interest as applied to annuities, life insurance, and depreciation.

*Three semester hours credit.*

Prerequisite: Mathematics 1a. Three hours, first semester.

## \*23. STATISTICS

MR. ZIEGLER

A first course: mean, mode, median, correlation and index numbers.

*Three semester hours credit.*

Prerequisite: Mathematics 1a. Three hours, second semester.

## \*25. COSTS AND DEPRECIATION

MR. ARMS

An introduction to cost accounting.

*Six semester hours credit.*

Prerequisite: Economics 4. Three hours, throughout the year.

## Music

*Professor WAGNILD, Professor SHAFFER, and Instructors HARNER and LUEBBE*

Requirements for a major shall be a minimum of 24 hours, and shall include Music 1a, 6, 7, 8, 12, and a total of 4 hours from Music 9, 10, 14, and 16.

Requirements in applied music are as follows: (1) 2 years' participation in an authorized group organization, and 2 years of private instruction in voice, piano, organ or instrument authorized by the department. \* (2) Presentation of recital in the Junior or Senior year. \*

A musical aptitude test shall be required of the student before he is accepted as a Music Major.

Individual instruction in voice, piano, and organ under the supervision of the department is offered by appointment. (See fees as listed on page 34.)

## 1a. APPRECIATION OF MUSIC

MR. SHAFFER

The principal musical forms against the background of the other arts.

*Two semester hours credit*

Two hours, first semester.

## 2a. APPRECIATION OF MUSIC DRAMA

MR. SHAFFER

A review of the history of opera and analyses of examples as drama and as music.

*Two semester hours credit.*

Two hours.

\* Notes: (1) A thesis or additional private study may be substituted for group participation at the discretion of the department. (2) In special cases a student may be asked to take a standard proficiency test instead of presenting a recital.

- 2b. APPRECIATION OF THE SYMPHONY MR. SHAFFER  
 Historical backgrounds and analyses of symphonic forms.  
*Two semester hours credit.*  
 Not given 1951-52.
6. HISTORY OF MUSIC MR. SHAFFER  
 A survey of the development of musical art from ancient to modern times.  
*Four semester hours credit.*  
 Two hours, throughout the year.
- 7a. HARMONY MR. WAGNILD  
 Scale and chord structure, chord relationship, non-chordal tones, and analyses.  
*Three semester hours credit.*  
 Three hours, first semester.
- 7b. HARMONY MR. WAGNILD  
 Diatonic chords with various bytones, harmonization of original melodies, simple modulation. Aural approach to harmonic effects. *Three semester hours credit.*  
 Three hours, second semester.
- 8a. ADVANCED HARMONY MR. WAGNILD  
 Chromatic harmony, modulation, creative work, analyses.  
*Two semester hours credit.*  
 Two hours, first semester.
- 8b. ADVANCED HARMONY MR. WAGNILD  
 Continuation of 8a. Special emphasis on modulation and use of chromatic alterations of diatonic chords in harmonizing melodies. Creative work.  
*Two semester hours credit.*  
 Two hours, second semester.
- 9a. KEYBOARD HARMONY MR. WAGNILD  
 Harmonic material applicable to the piano. Chord successions using all the diatonic harmonies, their inversions, and the simpler altered chords and modulations.  
*Two semester hours credit.*  
 Prerequisites: Harmony 7a and 7b. Two hours, first semester.
- 9b. KEYBOARD HARMONY MR. WAGNILD  
 Continuation of 9a. Practical application of chromatic harmony and modulation. Creative work. *Two semester hours credit.*  
 Two hours, second semester.
- 10a. DICTATION MISS LUEBBE  
 Tone and rhythm for recognition, visualization, singing, and writing melodic phrases in all keys from dictation. *Two semester hours credit.*  
 Two hours, first semester.
- 10b. DICTATION MISS LUEBBE  
 A continuation of melodic dictation, giving special emphasis to the development of musical memory and to the ability to write comparatively difficult rhythms and melodic phrases. *Two semester hours credit.*  
 Two hours, second semester.

## 12. MUSICAL FORM AND ANALYSIS

MISS LUEBBE

A study of the motive, phrase, period, and analysis of the construction of these, along with binary and ternary forms of composition, the invention, fugue, sonata and symphony.

*Four semester hours credit.*

Two hours throughout the year.

Prerequisite: Music Appreciation 1a.

## 14. CHORAL CONDUCTING

MR. WAGNILD

Technique of the baton, fundamentals of choral interpretation, problems of organization and maintenance of groups, survey of suitable materials in the choral field, and program building.

*Four semester hours credit.*

Two hours, throughout the year.

## 16. INSTRUMENTAL CONDUCTING

MR. WAGNILD and MR. HARNER

Practical training in instrumental score reading and conducting. Class work in conjunction with Music 14.

*Four semester hours credit.*

Two hours throughout the year.

## APPLIED MUSIC

For the individual instruction described below lessons are arranged by appointment. In case a student is unable to keep an appointment the lesson may not be made up unless the student has notified the instructor at least 24 hours in advance of his inability to be present at the designated time.

21, 22, 23, 24. VOICE. Training in fundamentals of voice culture with emphasis upon breath control, resonance, tone quality, diction, pronunciation, and an appreciation of the best works of the masters.

*No semester hours credit.*

One half hour lesson per week. Either or both semesters.

31, 32, 33, 34. PIANO. Development of touch, technique, rhythm, expression and interpretation. Repertoire adapted to ability of the student.

*No semester hours credit.*

One half hour lesson per week. Either or both semesters.

41, 42, 43, 44. PIPE ORGAN. Acquisition of technique and independence in playing upon the manuals and pedals. Repertoire adapted to ability of the student.

*No semester hours credit.*

Prerequisite: Satisfactory piano technique.

One full hour lesson per week. Either or both semesters.

*Philosophy*

*Professor RICHARDSON and Assistant Professors LANGERHANS and SCHUBART*

Requirements for a major are 27 hours, including Courses 1, 3, 10, 20, and such additional hours as may be approved by the adviser. Greek 7 and Bible 13 may be included with permission from the adviser. Course 1 or 3 or 4 is prerequisite for any other course in the Department.

1. INTRODUCTION TO PHILOSOPHY MR. RICHARDSON  
 Introduction to the approaches and methods of philosophy and a consideration of its major systems. *Three semester hours credit.*  
 Three hours, either semester.
3. LOGIC MR. SCHUBART  
 The principles of clarity in language and structure in thought, and their application. *Three semester hours credit.*  
 Three hours, second semester.
4. ETHICS MR. SCHUBART  
 The method, theory and systems of ethics, and the ethical analysis of personal, social, economic and political problems. *Three semester hours credit.*  
 Three hours, first semester.
8. POLITICAL IDEALS IN CONFLICT MR. SCHUBART  
 Consideration of contemporary political philosophies, their basic principles, and their points of difference. Special attention will be given to the problems confronting democracy. *Three semester hours credit.*  
 Three hours, first semester.
10. HISTORY OF PHILOSOPHY MR. RICHARDSON  
 The development of thought concerning man and his place in the universe from the Greeks to the eighteenth century. *Six semester hours credit.*  
 Three hours, throughout the year.
12. PHILOSOPHY OF RELIGION MR. RICHARDSON  
 An historical and systematic study of our present religious beliefs. *Three semester hours credit.*  
 Three hours, first semester.
15. RECENT EUROPEAN PHILOSOPHY MR. SCHUBART  
 Struggles of idealism and empiricism in European philosophical thought since Kant. *Three semester hours credit.*  
 Three hours, first semester.  
 Not given 1951-52.
16. RECENT AMERICAN PHILOSOPHY MR. SCHUBART  
 The philosophies of Josiah Royce, William James, John Dewey, George Santayana, and Alfred North Whitehead. *Three semester hours credit.*  
 Three hours, second semester.  
 Not given 1951-52.
17. INFLUENTIAL CRITICISM MR. SCHUBART  
 An analysis of the thought of Rousseau, Jonathan Swift, Thoreau, and a modern critic, their challenge of the prevailing standards and their search for adequate values. Original works of the authors will be read and discussed. *Three semester hours credit.*  
 Three hours, second semester.

## 19. PHILOSOPHY OF HISTORY

MR. LANGERHANS

A study of the religious background of the concept of history as developed in the western world: the apocalyptic image of history; millennial ideas and their secularized derivatives in modern utopias; the "City of God"; the Protestant return to apocalyptic literature; the concepts of progress and world revolution.

*Two semester hours credit.*

Two hours, second semester.

## 20. SENIOR SEMINAR

MR. RICHARDSON

An advanced seminar for philosophy majors, in which one contemporary problem will be studied, and solutions suggested from the varying points of view of major philosophical thinkers.

*Three semester hours credit.*

Three hours, second semester.

## Physics

*Professor MILLER, Assistant Professor HERMANN, and Instructor GREEN*

Requirements for a major include Courses 102, 3, 7, and such courses in Mathematics and Chemistry as are arranged with the adviser.

## 1. GENERAL PHYSICS

MR. GREEN

Mechanics, Heat, Sound, Magnetism, Electricity, and Light. This course is designed to acquaint the student with the fundamental phenomena, principles, and laws of physics and their applications. It includes recitations, lectures with demonstrations, and laboratory work. Emphasis is placed upon applications not requiring involved mathematical analysis. For students not majoring in science.

*Eight semester hours credit.*

Prerequisite: College Entrance Algebra. Three class hours and three laboratory hours, throughout the year.

## 102. GENERAL PHYSICS

MR. GREEN

This course covers the same subject matter as Physics 1 but with emphasis upon the applications which are of major importance in advanced science. Mathematical analysis is stressed throughout. For students majoring in science.

*Eight semester hours credit.*

Prerequisites: Mathematics 1a and 1b. Three class hours and three laboratory hours throughout the year.

## 3a. INTERMEDIATE EXPERIMENTAL PHYSICS

MR. HERMANN

Classical laboratory experiments in mechanics, heat, light, and electricity; experimental technique applied to the traditional experiments of physics with emphasis on probable error, the written report, analyzing results, and integrating theory with application.

*Two semester hours credit.*

Prerequisite: Physics 102 and Mathematics 2 or 5. Six laboratory hours, first semester.

## 3b. PRECISION EXPERIMENTATION

MR. HERMANN

Laboratory experiments, varying in length, difficulty, and subject according to the individual's interests; the development of a good approach to simple research problems, with emphasis on the coordination of physics with one's field of major scientific interest.

*Two semester hours credit.*

Prerequisite: Physics 3a. Six laboratory hours, second semester.

- 5a. ELECTRODYNAMICS MR. HERMANN  
Electrostatics, magnetostatics, electromagnetism, direct and alternating circuit analysis, and thermionic emission. *Three semester hours credit.*  
Prerequisites: Physics 102 and Mathematics 6. Three class hours, first semester.
- 6b. ELECTRONICS MR. HERMANN  
The principles of operation of electronic tubes and circuits with applications to radio, radar and nuclear physics equipment. *Four semester hours credit.*  
Prerequisite: Physics 5a. Three class hours and three laboratory hours, second semester.
7. MODERN PHYSICS MR. MILLER  
Theory of atomic and nuclear structure, transmutation, and atomic energy. *Six semester hours credit.*  
Prerequisites: Physics 102 and Mathematics 6. Three class hours, throughout the year.
8. THEORETICAL MECHANICS MR. HERMANN  
The theoretical treatment of statics and dynamics for the particle and the rigid body. Vector analysis will be introduced. *Four semester hours credit.*  
Prerequisites: Physics 102 and Mathematics 6; and 9a concurrently. Three class hours and a three-hour problem session, first semester.
9. THEORETICAL PHYSICS MR. HERMANN  
Advanced dynamics and vector analysis, with a simplified introduction to the elements and basic nature of Maxwell's electromagnetic wave theory, relativity mechanics, and quantum mechanics. *Two semester hours credit.*  
Prerequisites: Physics 8, with Mathematics 9b and 9c recommended. Two class hours, second semester. May not be offered in 1951-52.
10. ADVANCED LABORATORY PHYSICS MR. MILLER and MR. HERMANN  
Individual experiments or projects in optics, spectroscopy, electronics, electrodynamics, mechanics, thermodynamics, or nuclear physics. *Semester hours credit as arranged.*  
Prerequisite: Physics 3. Hours as arranged.
12. DESCRIPTIVE ASTRONOMY MR. MILLER  
General and descriptive astronomy. *Two semester hours credit.*  
No prerequisite. Two class hours, second semester.
13. THERMODYNAMICS MR. MILLER  
A treatment of the two laws of thermodynamics and their applications. *Three semester hours credit.*  
Prerequisites: Physics 102 and Mathematics 6. Three class hours, first semester.
15. GEOMETRICAL AND PHYSICAL OPTICS MR. MILLER  
An advanced course, treating the subjects of reflection, refraction, prisms, lenses, diffraction and interference, dispersive and resolving power, ruled gratings, spectroscopes, and spectrographs. *Six semester hours credit.*  
Prerequisites: Physics 102 and Mathematics 6. Three class hours, throughout the year.

## *Political Science*

*Professor STOKES, Assistant Professor JARVIS, and Instructors GLADFELTER and RAITH*

Requirements for a major include 24 semester hours. Political Science 1a and 1b are prerequisites for all other courses in the department.

### 1a. AMERICAN GOVERNMENT

THE STAFF

A study of the American political system on the national level. Sophomore course.

*Three semester hours credit.*

Three hours, first semester.

### 1b. STATE AND LOCAL GOVERNMENT

THE STAFF

A study of American government on the state and local level. Sophomore course.

*Three semester hours credit.*

Three hours, second semester.

Note: Students who require only three credits in Political Science may take 1a.

### 3. EUROPEAN GOVERNMENTS

MR. JARVIS

A comparative analysis of the basic principles which govern the organization and operation of the principal governments of the world. Executive, legislative, judicial and party controls over government; controls to achieve administrative ends; administrative sanction and procedure.

*Three semester hours credit.*

Sophomore and Junior course. Three hours, first semester.

### 4. CONSTITUTIONAL LAW

MR. RAITH

Analysis of the federal Constitution as an instrument of conferring and restraining governmental power. Philosophical and political aspects of the judicial process probed by the case method treatment of Supreme Court decisions.

*Three semester hours credit.*

Supplementary readings required. Senior course. Three hours, first semester.

### 5. INTERNATIONAL LAW

MR. JARVIS

Principles of law generally recognized by modern states, including the legal relations of states and individuals, treaty making and diplomacy, and those decisions of American and foreign municipal courts which bear upon the subject. Current developments in the United Nations are discussed.

*Three semester hours credit.*

Prerequisites: Political Science 1, 3 and 9. Senior course. Three hours, second semester.

### 6. BUSINESS AND GOVERNMENT

MR. JARVIS

The shaping of public policy towards business as reflected in legislation and judicial decisions, with particular emphasis on the regulation of competition and monopoly. The problem of state intervention in areas of corporate development and individual freedom.

*Three semester hours credit.*

Prerequisites: Economics 3, Political Science 1. Junior course. Three hours, second semester.

### 8. POLITICAL PARTIES

MR. JARVIS

The role of the political party as an instrument for effectuating the public will. The influence of pressure groups in the formation of public policy. Electoral behavior and American party organization are examined in the context of current political questions.

*Three semester hours credit.*

Junior course. Three hours, first semester.

## 9. INTERNATIONAL RELATIONS

MR. RAITH

National policies of the major world powers in the post-war world against the background of geographic, economic, demographic, and strategic influences, with special emphasis placed on the role of the United States in international relations. Required student reports on current world developments. *Three semester hours credit.* Junior course. Three hours, first semester.

## 10. SENIOR READING COURSE

THE STAFF

Supervised reading in Political Science. Open only to Senior majors who maintain a high standing in Political Science. *Two semester hours credit.* Two hours, as arranged, either or both semesters.

## 12. PUBLIC ADMINISTRATION

MR. RAITH

An introduction to the functions and problems of the public service. The problem of methods of executing public policy: personnel, organization, finance, public relations and responsibility, scope of administrative power, etc. Reorganization and other current problems. *Three semester hours credit.*

Senior course. Juniors admitted by permission of instructor.

Three hours, second semester.

## 14. HISTORY OF POLITICAL THOUGHT

MR. JARVIS

A study of the contributions of the most important thinkers in political science from Plato to the present. *Three semester hours credit.*

Junior or senior course. Three hours, first semester.

Not given 1951-52.

## Psychology

*Professor SMOKE, Assistant Professor HAYWARD, and Instructor WOOLSON*

Requirements for a major include Psychology 1, 10, and 15, and fifteen additional semester hours. Education 5 and 40 may be included. Students looking forward to being recommended for admission to graduate school will be expected to take Psychology 8 and 12.

Psychology majors are advised to take Psychology 3, 5, or 6 immediately after Psychology 1, and to take Psychology 8 during the first semester of their junior year.

At least one year of post-graduate work is almost always required of applicants for positions in psychology.

## 1. GENERAL PSYCHOLOGY

MR. SMOKE, MR. HAYWARD, and MR. WOOLSON

Introduction to the facts and principles of psychology. Prerequisite for all other courses in the department. *Three semester hours credit.*

Three hours, either semester.

## 2. BUSINESS AND INDUSTRIAL PSYCHOLOGY

MR. WOOLSON

The selection, placement, and training of workers, and the role of personality factors in the efficient operation of business and industrial organizations.

Designed especially for students interested in business and industry who wish to take one and only one course in psychology beyond Psychology 1, and who have had Economics 1, or 2, or 3. Not open to Psychology majors. Credit will not be given for both Psychology 2 and Psychology 4. *Three semester hours credit.*

Three hours, second semester.

Not given 1951-52.

3. SOCIAL PSYCHOLOGY MR. SMOKE and MR. WOOLSON  
Psychological study of human experience and behavior in social situations.  
*Three semester hours credit.*  
Three hours, second semester.
4. PERSONNEL PRINCIPLES AND PROBLEMS MR. WOOLSON  
Psychological facts and principles applied to problems of personnel in education, business, and industry. Credit will not be given for both Psychology 2 and Psychology 4.  
*Three semester hours credit.*  
Three hours, second semester.
5. APPLIED PSYCHOLOGY MR. WOOLSON  
Applications of psychology to such specific areas as market research; public opinion polling; guidance and counseling; criminology; and getting a job. Outside readings and reports in areas of student's special interests.  
*Three semester hours credit.*  
Three hours, first semester.  
Not given 1951-52.
6. MENTAL HYGIENE MR. HAYWARD  
Principles of personal adjustment and healthy-mindedness.  
*Three semester hours credit.*  
Three hours, either semester.
7. PSYCHOLOGY OF PERSONALITY MR. SMOKE  
The nature of personality, together with the methods and results of its study.  
*Three semester hours credit.*  
Three hours, first semester.
8. PSYCHOLOGICAL TESTS AND MEASUREMENTS MR. WOOLSON  
The construction and administration of psychological tests and the interpretation of their results.  
*Three semester hours credit.*  
Two class hours and two laboratory hours, first semester.
9. CHILD AND ADOLESCENT PSYCHOLOGY MR. HAYWARD  
The mental growth of the child and the adolescent.  
*Three semester hours credit.*  
Three hours, second semester.
10. EXPERIMENTAL PSYCHOLOGY MR. SMOKE  
Introduction to the purposes, materials, methods, and results of psychological experimentation. Laboratory work and selected readings.  
*Three semester hours credit.*  
Open only to Juniors and Seniors who are majors in the department.  
Two class hours and two laboratory hours, second semester.
12. ADVANCED GENERAL PSYCHOLOGY MR. HAYWARD  
Motivation, perception, learning, and other topics in general psychology for advanced students.  
*Three semester hours credit.*  
Prerequisite: At least twelve semester hours in psychology. Three hours, first semester.

## 14. ABNORMAL PSYCHOLOGY

MR. HAYWARD

Psychological approach to the problems of mental deficiency and insanity.

*Three semester hours credit*

Junior and Senior Course. Three hours, second semester.

## 15. SENIOR READING COURSE

MR. SMOKE

Supervised reading in psychology.

*Semester hours as arranged.*

Open only to Seniors who are majors in the department. Conference hours as arranged, either semester.

### *Reserve Officers' Training Corps (ROTC)*

Gettysburg College participates in the national security program by offering to its students, in cooperation with the armed forces, the opportunity to acquire training for future military leadership in the event of a national emergency. This training is conducted by members of the regular services through integrated courses taught by means of classroom lectures and recitations, conferences, seminars, and practical applications. Adequate equipment of the most modern type, including radios, motor vehicles, recoilless weapons, small arms, films, charts, instruments, models, etc. are available for instructional purposes. Regular texts and uniforms are furnished by the United States Government.

The ROTC training is divided into two general courses, Basic and Advanced. The Basic course, taken during the freshman and sophomore years, is general in nature and may be elected instead of Physical Education activities for those years. It is open to all physically qualified male students who are citizens of the United States, and enrollment involves no obligation for future military service. During the Basic course texts and uniforms are furnished on a loan basis.

At the conclusion of the Basic course, students are awarded a certificate which, in a national emergency, will enable those who do not enroll for the Advanced course to enter directly into Officers' Candidate Schools, or, for those in the Air Basic course, the Air Cadet program, provided that they otherwise qualify.

Students enrolling for the Advanced course, taken during the Junior and Senior years, are selected from those who have completed the Basic course and who have demonstrated a satisfactory level of proficiency and leadership. Veterans of World War II, credited with the Basic course for service in the Army or Navy, are also eligible for selection.

During the Advanced course uniforms, texts, and equipment are furnished, and students are paid at the rate of approximately \$270.00 a year. Between the Junior and Senior years all Advanced course students are obliged to attend a summer camp for a period of approximately six weeks for practical training, during which time they are paid at the rate of \$75.00 a month in addition to transportation, food, and clothing.

Upon graduation, the student is tendered a commission as a second lieutenant in the Officer's Reserve Corps. A graduate may request a transfer of his reserve commission to a branch other than that in which he received his training, and those who have demonstrated outstanding ability may be accepted by the regular services if they so desire. Top priority for flight training is given to graduates of the Air ROTC.

ROTC training in two branches of the services is offered at Gettysburg; Military Science and Tactics, and Air Science and Tactics (Comptrollership Division). Descriptions of course requirements for both branches follow.

## *Military Science and Tactics*

*Professor SPICER, Assistant Professor RICHARDS, Instructors LAKICH, PARKS, PEUSCH,  
and REUS*

### BASIC COURSE

#### 1. BASIC COURSE, FRESHMAN

Military organization, military policy of the United States, military problems of the United States; map and aerial photograph reading; hygiene and first aid; leadership, drill and exercise of command; evolution of warfare; weapons and marksmanship.

*Four semester hours credit.*

Three periods throughout the year.

#### 2. BASIC COURSE, SOPHOMORE

Leadership, drill and command; military organization; individual and crew-served weapons; scouting and patrolling; combat formations; technique of fire of rifle squad; tactics of the rifle squad; rifle marksmanship.

*Four semester hours credit.*

Three periods throughout the year.

### ADVANCED COURSE

#### 3. ADVANCED COURSE, JUNIOR

Leadership, drill and command; military organization; weapons—machine guns, mortars, tanks, rocket launchers, recoilless rifles, land mines; communications; estimate of the situation; orders; gunnery; field fortifications; military intelligence; tactics of rifle platoon and company, heavy weapons platoon and company.

*Eight semester hours credit.*

Five periods throughout the year.

#### 4. ADVANCED COURSE, SENIOR

Leadership, drill and command; teaching methods; military organization; command and staff; motors and transportation; communications; administration; military law and boards; new developments; psychological warfare; the military team; troop movements; supply and evacuation; tactics of infantry battalion; geographical foundations of national power.

*Eight semester hours credit.*

Five periods throughout the year.

## *Air Science and Tactics*

*Professor PEDDY, Assistant Professors CRONE and MULLER, Instructors COLEMAN, CARTER,  
HALLAS, and HUMPHRIES*

### BASIC COURSE

#### 1. BASIC COURSE, FRESHMAN

Military organization, military policy of the United States, military problems of the United States, geographical foundations of national power, military mobilization and demobilization, map and aerial photograph reading, hygiene and first aid, leadership, drill and exercise of command, evolution of warfare, military psychology and personnel management. *Four semester hours credit.*

Three periods throughout the year.

#### 2. BASIC COURSE, SOPHOMORE

Aerodynamics, applied air power, theory of flight, navigation, weather, guided missiles, jet and reciprocating engines, leadership, drill and exercise of command. *Four semester hours credit.*

Three periods throughout the year.

### ADVANCED COURSE

#### 3. ADVANCED COURSE, JUNIOR

Air operations, logistics, leadership, drill and exercise of command, analysis and presentation of statistics, program standards, Air Force cost control, statistical services. *Eight semester hours credit.*

Five periods throughout the year.

#### 4. ADVANCED COURSE, SENIOR

Military administration, military teaching methods, military management, leadership, drill and exercise of command, military law and boards, functions of the Inspector General, AF career development, management analysis, program analysis, cost analysis. *Eight semester hours credit.*

Five periods throughout the year.

## *Romance Languages*

*Professor BACHMAN, Associate Professors HAMME and HARTSHORNE, Assistant Professor  
FRANCO, Instructors PERCIVAL, KILMER, and HARBAUGH*

Requirements for a major in French or Spanish include a minimum of 35 semester hours above the A Course. Requirements for a teaching major or minor in French must include courses 3 and 4, and 5.

Requirements for a major in Spanish must include a reading knowledge of a second foreign language.

### FRENCH LANGUAGE

#### A. ELEMENTARY FRENCH

MR. BACHMAN, MR. PERCIVAL

Essentials of grammar; practice in composition, reading, and translation.

*Six semester hours credit.*

Three hours throughout the year.

## 1. INTERMEDIATE FRENCH

MR. BACHMAN, MR. HARTSHORNE, and MR. PERCIVAL

Grammar review and composition. Reading of selections from modern French authors. *Six semester hours credit.*

Prerequisite: French A or its equivalent. Three hours, throughout the year.

## 3. ADVANCED FRENCH COMPOSITION

MR. BACHMAN

Systematic study of French grammar connected with composition drill. Stress on free composition. *Three semester hours credit.*

Prerequisite: French 1. Three hours, first semester.

Not given 1951-52.

## 4. ADVANCED FRENCH CONVERSATION

MR. BACHMAN

This course aims especially to develop facility in oral expression.

*Three semester hours credit.*

Prerequisite: French 1 or equivalent. Three hours, second semester.

Not given 1951-52.

## 5. PRACTICAL PHONETICS

MR. BACHMAN

Study of the alphabet of the International Phonetic Association. Major emphasis is placed on oral practice. *Two semester hours credit.*

Alternates with French 6.

## 6. INTRODUCTION TO ROMANCE PHILOLOGY

MR. BACHMAN

Morphology of French, Spanish, and possibly Italian. Emphasis on the phenomena having special significance for teachers or graduate students. Recommended to majors and minors both in French and in Spanish. *Two semester hours credit.*

Prerequisite: French 3 and 4 or French 11 and equivalents. Two semester hours, first semester.

Alternates with French 5.

Not given 1951-52.

## 7. OLD FRENCH LANGUAGE AND LITERATURE

MR. BACHMAN

Study of the various *genres* of medieval French literature. *Two semester hours credit.*

Prerequisite: French 6. Two hours, second semester.

Alternates with French 21.

Not given 1951-52.

## 9. EXPLICATION DE TEXTES

MR. BACHMAN

Designed for seniors only. Conference hours as arranged, either semester.

*Two semester hours credit.*

Two hours, either semester.

## FRENCH LITERATURE

(The Following Courses Fulfill the One Year Literature Requirement)

## 11. SURVEY COURSE IN FRENCH LITERATURE

MR. PERCIVAL

A general survey of French literature from the Middle Ages to the 19th century.

*Six semester hours credit.*

Prerequisite: French 1 or its equivalent. Three hours, throughout the year.

Not given 1951-52.

## 13. FRENCH LITERATURE OF THE 19TH CENTURY, 1800-1850

MR. HARTSHORNE

Selections from poets and prose writers of the Romantic and Realistic movements.

*Six semester hours credit.*

Prerequisite: French 1 or its equivalent. Three hours, throughout the year.

Alternates with French 14.

## 14. FRENCH LITERATURE OF THE 19TH CENTURY, 1850-1900

MR. HARTSHORNE

Selections from poets and prose writers of the Naturalistic and Symbolistic movements.

*Six semester hours credit.*

Prerequisite: French 1 or its equivalent. Three hours, throughout the year.

Alternates with French 13.

Not given 1951-52.

## 15. FRENCH LITERATURE OF THE TWENTIETH CENTURY

MR. BACHMAN

A study of the more recent literary tendencies of France, with special reference to the national life and character.

*Six semester hours credit.*

Prerequisite: French 1 or its equivalent. Three hours, throughout the year.

Not given 1951-52.

## 17. FRENCH LITERATURE OF THE 17th CENTURY

MR. BACHMAN

French classicism as revealed in the dramatic works of Corneille, Molière, and Racine. Study of the representative prose writers.

*Six semester hours credit.*

Prerequisite: French 1 or its equivalent. Three hours, throughout the year.

Alternates with French 18.

Not given 1951-52.

## 18. FRENCH LITERATURE OF THE 18TH CENTURY

MR. BACHMAN

Critical study of the "*esprit philosophique*" as illustrated in the writings of Montesquieu, Voltaire, Diderot, d'Alembert, Buffon, Rousseau, and others.*Six semester hours credit.*

Prerequisite: French 1 or its equivalent. Alternates with French 17.

Alternates with French 17.

## FRENCH CIVILIZATION, METHODS, SEMINAR

## 21. HISTORY OF FRENCH CIVILIZATION

MR. BACHMAN

A survey of French history, emphasizing the French contributions to the political, social, and cultural movements of Europe.

*Two semester hours credit.*

No language requirements. Two hours, second semester.

Alternates with French 7.

## 23. METHODS OF TEACHING FRENCH

MR. BACHMAN

Lesson planning in conjunction with grammar review; discussions concerning the cultural material to be used; selection of suitable texts.

Open only to juniors and seniors who expect to teach and who have been recommended by the department head.

*Three semester hours credit.*

Three hours, second semester.

Not given 1951-52.

## 25. THESIS IN FRENCH

THE STAFF

Open only to Seniors who are members of Phi Sigma Iota. *Two semester hours credit.*  
Conference hours as arranged, either semester.

## SPANISH LANGUAGE

## A. ELEMENTARY SPANISH

MR. BACHMAN, MR. HARTSHORNE, MR. PERCIVAL, MISS HARBAUGH, and MISS KILMER

Fundamentals of grammar and reading.

*Six semester hours credit.*

Three hours throughout the year.

## 1. INTERMEDIATE SPANISH

MR. FRANCO, MR. HAMME, MR. PERCIVAL, and MISS HARBAUGH

Review of Spanish grammar, conversation, translation, and composition.

*Six semester hours credit.*

Prerequisite: Spanish A or its equivalent. Three hours, throughout the year.

## 2. ADVANCED COMPOSITION AND CONVERSATION

MR. FRANCO

Social and business letter writing, short Spanish themes, advanced grammar, and conversation based on current events and life-situations. *Six semester hours credit.*

Prerequisite: Spanish 1 or its equivalent. Three hours throughout the year.

Not given 1951-52.

## SPANISH LITERATURE

The following courses fulfill the one-year Literature requirement. All three hours throughout the year. Prerequisite for all courses up to 20: Spanish 1 or its equivalent.

## 10. LENGUA Y LITERATURA (SURVEY COURSE IN SPANISH LITERATURE)

MR. FRANCO and MISS KILMER

A study of the development of the Spanish géneros literarios to the present day. Geographical and historical background. Reading and discussion of selections from some of the most outstanding authors of each period. *Six semester hours credit.*  
Not given 1951-52.

## 11. SPANISH-AMERICAN LITERATURE

MR. HAMME

A survey course with emphasis on poetry and the novel. *Six semester hours credit.*  
Not given 1951-52.

## 12. NINETEENTH CENTURY SPANISH DRAMA

MR. FRANCO

Romantic and post-romantic Spanish drama from the Duque de Rivas to Espronceda. *Six semester hours credit.*

## 13. NINETEENTH CENTURY SPANISH NOVEL

MR. FRANCO

The costumbrista movement. Reading and discussion of works from Cecilia Böhl de Faber to and including some of the works by Pérez Galdós.

*Six semester hours credit.*

Not given 1951-52.

14. CONTEMPORARY SPANISH NOVEL MR. HAMME  
 Reading and study of novels beginning with the Generation of '98.  
*Six semester hours credit.*  
 Prerequisite: Spanish 1 or its equivalent.
15. CONTEMPORARY SPANISH DRAMA MR. FRANCO  
 Reading and study of the outstanding plays of the 20th Century beginning with the Generation of 1898.  
*Six semester hours credit.*
16. MEXICAN LITERATURE MR. HAMME  
 The development of Mexican Literature, with a study of the Colonial, Romantic, Modernista, and the Contemporary periods.  
*Six semester hours credit.*  
 Not given 1951-52.
17. NOVELA DEL SIGLO DE ORO MR. HAMME  
 Study of *La novela picaresca* and *Don Quijote*.  
*Six semester hours credit.*  
 Three hours throughout the year.
18. TEATRO DEL SIGLO DE ORO MR. FRANCO  
 Lope de Vega and other dramatists of the Siglo de Oro. *Six semester hours credit.*  
 Three hours throughout the year.  
 Not given 1951-52.

(The following advanced literature course has as a prerequisite at least one Spanish Literature course from Numbers 10 to 20)

21. SPANISH-AMERICAN CULTURE AND PROBLEMS MR. FRANCO  
 Social, economic, and political problems of Spanish America. Study and interpretation of contemporary Latin American essays.  
*Six semester hours credit.*  
 Not given 1951-52.

### SPANISH CIVILIZATION, METHODS, SEMINAR

31. METHODS AND TECHNIQUE OF TEACHING SPANISH MR. FRANCO  
 Teaching methods and technique, lesson planning, selection of textbooks, remedial teaching. Lectures, reports, and classroom practice. *Three semester hours credit.*  
 For teaching majors. Hours as arranged.  
 Three hours. First semester.  
 Given in alternate years.  
 Not given 1951-52.
32. THESIS IN SPANISH MR. HAMME and MR. FRANCO  
 Research and outlining. Individual conferences. *Two semester hours credit.*  
 Two hours either semester. Conference hours as arranged.  
 Prerequisite: Any course from the group 10-30.

## ITALIAN LANGUAGE

## A. ELEMENTARY ITALIAN

MR. BACHMAN

Fundamentals of grammar and reading.  
Two hours throughout the year.

*Four semester hours credit.**Shorthand*

MR. RAU

## 1. ELEMENTARY SHORTHAND

MR. RAU

Intensive study and practice in Gregg Shorthand.  
Three hours, to be arranged, throughout the year.

*No semester hours credit.*

## 2. ADVANCED SHORTHAND

MR. RAU

Correlation of shorthand and typewriting in office practice. Minimum shorthand speed requirement, 100 words per minute.  
Prerequisites: Shorthand 1 and Typewriting. Three hours, throughout the year.

*No semester hours credit.**Social Science*

*Professors* RICHARDSON, FORTENBAUGH, STOKES, SMOKE, WALTEMYER, *Assistant Professors*  
STUART and JARVIS

The Social Science major is planned primarily to meet the needs of those students who wish general knowledge of the social sciences or those students who intend to continue their preparation for work in one of these fields in graduate school. A student who majors in Social Science needs no related minor. Requirements for a major are 42 semester hours, including the following courses: Economics 3; Philosophy 1; Political Science 1a, Psychology 1; Sociology 1, 2, 10. The remaining hours are to be selected from the following list with the approval of the adviser. Prospective teachers are advised to include Sociology 11. Descriptions of the courses mentioned below may be found among the listings of the departments which offer the courses.

COURSE NO.	DESCRIPTIVE TITLE	SEMESTER HOURS
Bible 4	Church History	6
Bible 12	The Hebrew Prophets	2
Bible 13	Contemporary Religious Thought	3
Biology 12	Personal and Public Hygiene	4
Economics 11	Labor Problems and Organization	6
Education 40	Principles of Guidance and Personnel Work	3
History 1	History of Western Civilization	6
History 3 or 6	History of the United States and of Penna.	6
Mathematics 23	Statistics	3
Philosophy 4	Principles of Ethics	3
Philosophy 8	Political Ideals in Conflict	3
Philosophy 12	Philosophy of Religion	3
Philosophy 17	Influential Criticism	3
Political Science 1b	State and Local Government	3

Political Science 6	Business and Government	3
Political Science 14	History of Political Thought	3
Political Science 12	Public Administration	3
Psychology 3	Social Psychology	3
Psychology 6	Mental Hygiene	3
Psychology 7	Psychology of Personality	3
Psychology 14	Abnormal Psychology	3
Sociology 5	Marriage and the Family	3
Sociology 7	Anthropology	3
Sociology 8	Mass Communication	3
Sociology 9	The Community	3
Sociology 11	Teaching Methods in Social Science	3
Sociology 12a-b	Modern Social Movements	4
Sociology 13	Society and Education	3
Sociology 14	Contemporary American Culture	3

## *Sociology*

*Professor* RICHARDSON, *Assistant Professors* STUART, LANGERHANS, and SCHUBART

All students who wish to minor in Sociology should include Sociology 1, 2, and 10. Sociology 1 is a prerequisite for all other courses in the department.

### 1. PRINCIPLES OF SOCIOLOGY

MR. SCHUBART

Survey of the basic forms of human association and interaction; culture and personality; collective behavior; institutions; social organization; social change.

*Three semester hours credit.*

Three hours, either semester.

### 2. SOCIAL PROBLEMS

MR. LANGERHANS

An analytical and critical approach to the problems of society. The course will examine such problems as population, race prejudice, mass communication, crime and delinquency, education, religion, and the modern family.

*Three semester hours credit.*

Three hours, second semester.

### 5. MARRIAGE AND THE FAMILY

MR. STUART

Functions of the family; marriage and family adjustments; factors affecting mate selection, marital relations, and family stability in contemporary society.

*Three semester hours credit.*

Three hours, second semester.

Not given 1951-52.

### 7. ANTHROPOLOGY

MR. STUART

A study of man, beginning with primitive contemporary and prehistorical societies and proceeding to higher civilizations. The course will deal with human origins, the development and transmission of culture, racial differentiation, and the backgrounds of human institutions.

*Three semester hours credit.*

Three hours, first semester.

Not given 1951-52.

## 8. MASS COMMUNICATION

MR. LANGERHANS

Relationship of public opinion to social control and collective behavior. Special attention is given to the various media of mass communication, such as the newspaper, radio, motion picture, and to the problems of monopoly, propaganda, and freedom.

*Three semester hours credit.*

Three hours, second semester.

## 9. THE COMMUNITY

MR. LANGERHANS

Consideration of the social and political organization, environmental and economic bases and social problems of modern rural and urban communities in America. Part of the course includes field work (survey) in the community of Gettysburg.

*Three semester hours credit.*

Three hours, first semester.

## 10. SOCIOLOGICAL THEORIES

MR. SCHUBART

Survey of the leading theories of social organization. Environmental, racial, psychological, economic, historical, and political schools of thought will be considered.

*Three semester hours credit.*

Three hours, second semester.

## 11. METHODS OF TEACHING THE SOCIAL STUDIES

MR. STUART

This course deals with the techniques employed by teachers in presenting social studies materials on different grade levels and in various situations. Methods in relation to pupil population, equipment, and school objectives are discussed. Also examined are the content, function, and organization of social studies materials for teaching purposes; this includes a review of the usual social studies courses with suggestions for reorganization. Specific analysis is given of such items as units, class discussions, reading, visual aids, trips, teacher planning, and student evaluation.

*Three semester hours credit.*

Three hours, second semester.

Not given 1951-52.

## 12. MODERN SOCIAL MOVEMENTS

MR. LANGERHANS

The dynamics of social movements and mass manipulation. Organizational forms and ideologies. Trade unions and Socialist Parties. Patterns of revolution: 1789, 1848, 1917, 1949. Marx to Mao. Background of bolshevism and fascism and National Socialism. International Communism, its methods of organization, propaganda, and terror.

*Three semester hours credit.*

Three hours, first semester.

## 13. SOCIETY AND EDUCATION

MR. LANGERHANS

Comparative treatment of training and learning processes in selected societies, including our own, emphasizing the relation of aims, functions, and degree of formalization of education in the particular society to the history, structure, and needs of the culture.

*Three semester hours credit.*

Three hours, first semester.

Not given 1951-52.

## 14. AMERICAN CULTURE

MR. SCHUBART

A study of the growth of some major institutions and intellectual traditions which have contributed to the formation of the American ideology.

*Three semester hours credit.*

Three hours, first semester.

## 15. INDUSTRIAL SOCIOLOGY

MR. STUART

A study of the rise and scope of industrial sociology as a scientific discipline and its relation to applied fields of study. The course will examine the social organization of the world of work, the social adjustments of the worker, the major problems of applied industrial sociology, and the impact of industry upon the local community and the national society. It is designed primarily for students of general sociology but is also recommended for students of labor and management.

*Three semester hours credit.*

Not given 1951-52.

### *Spanish*

(See Romance Languages)

### *Speech*

(See English)

### *Typewriting*

MR. RAU

## 1. ELEMENTARY TYPEWRITING

MR. RAU

Use and care of the typewriter. Drills in touch typewriting. *No semester hours credit.*  
Four laboratory hours, to be arranged, throughout the year.

## 2. ADVANCED TYPEWRITING

MR. RAU

Drills for speed and office practice. Minimum requirement, 45 words per minute  
*No semester hours credit.*

Prerequisite: Typewriting 1 or the equivalent. Four laboratory hours, throughout the year.

# Alumni Organizations

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## *The Alumni Association*

The Gettysburg College Alumni Association, founded in 1835, is comprised of graduates of the College and former students who were regularly matriculated. It is organized to foster and promote the welfare of Gettysburg College and to maintain good fellowship among the members. Though the Association meets but once a year, the Alumni Council meets at the spring and fall Homecomings. The Executive Committee meets each January to plan and execute organization affairs.

Many local branches of the Association hold frequent meetings.

### *Executive Committee*

#### *ASSOCIATION OFFICERS*

President . . . . .	JOHN A. APPLE, '19, 1122 E. Market St., Sunbury
Vice-President . . . . .	RALPH W. HOCH, '16, 191 Treaty Rd., Drexel Hill
Alumni Secretary . . . . .	C. PAUL CESSNA, '15, Gettysburg College
Recording Secretary . . . . .	JANE ANN LILLICH, '47, 86 Admiral Blvd., Baltimore 22, Md.
Treasurer . . . . .	JOHN D. MCGRAW, '33, 2124 Delaware Ave., Pittsburgh 18

#### *CHAIRMEN OF STANDING COMMITTEES*

Alumni Clubs . . . . .	MRS. CARL O. GLEITSMANN, '39
Alumni Days . . . . .	HENRY M. SCHARF, '25
Endowment and Scholarship . . . . .	RAY A. BARNARD, '15
Finance . . . . .	WILLIAM H. B. STEVENS, '26
Medal . . . . .	HOMER W. CRIST, '25
Nominating . . . . .	CHESTER S. SIMONTON, '16
Public Relations . . . . .	GEORGE B. BAKER, '20
Secondary Schools . . . . .	RICHARD S. ABBOTT, '28
Undergraduate . . . . .	MRS. LESTER O. JOHNSON, '33

#### *PAST PRESIDENTS*

H. H. BEIDLEMAN, '12	C. L. S. RABY, '09
C. E. GERBERICH, '12	H. G. PORTS, '25
R. C. DOUGHERTY, '00	W. H. PATRICK, JR., '16
F. R. SEIBEL, JR., '26	

#### *MEMBERS-AT-LARGE*

G. LISLE BEERS, '21 . . . . .	Term Expires 1951
EDWARD EHLERS, '98 . . . . .	Term Expires 1952
JAMES S. GLAES, '16 . . . . .	Term Expires 1953
WALTER E. HESS, '24 . . . . .	Term Expires 1954

## *Local Club Organizations*

### ALTOONA, PA.

President.....F. M. HALLER, '29, P. O. Box 89  
 Secretary.....R. W. FLENNER, '17, 1116 25th Ave.

### BALTIMORE, MD.

President.....W. N. DORN, '33, 1549 Northwick Rd.  
 Secretary.....MRS. W. E. GARMAN, '18, 3513 St. James Rd.

### BALTIMORE CO-EDS (Social Group)

President.....MRS. ALFRED VOSS, '45, 2314 Mayfield Ave.  
 Secretary.....MRS. J. L. BENNETT, '45, 145 Hopkins Rd.

### BUFFALO, N. Y.

President.....L. A. GREENFIELD, '40, 628 W. Ferry St.  
 Secretary.....R. A. CARLSON, '17, 825 Auburn Ave.

### CENTRAL PENNSYLVANIA

President.....H. M. BURMAN, '41, Lemont  
 Secretary.....JEAN DECKER, '47, Howard

### CHAMBERSBURG, PA.

President.....N. F. KELLER, '12, 21 N. Potomac St., Waynesboro  
 Secretary.....MRS. C. Q. SMITH, '27, Box 353, Chambersburg

### CHICAGO, ILL.

President.....DONALD WEISER, '24, 682 Oak St., Glen Ellyn, Ill.  
 Secretary.....MRS. A. S. REPLOGLE, '44, 316 S. Oak Park Ave., Oak Park, Ill.

### CLEVELAND, OHIO

President.....J. M. BLOCHER, '13, 379 Beech St., Berea, Ohio

### FAITHFUL FIFTY (Philadelphia, Pa., Social Group)

President.....C. L. S. RABY, '09, 4616 Pilling St., Philadelphia 24  
 Secretary.....NORMAN S. HAAS, '43, 6032 Alma St., Philadelphia 24

### FREDERICK—CARROLL COUNTY

President.....R. W. SMITH, '35, Taneytown, Md.  
 Secretary.....Z. O. FISCUS, '08, R. D. #2, Taneytown, Md.

### HAGERSTOWN, MD.

President.....R. H. RYDER, '26, 100 Club Road  
 Secretary.....H. L. SPESSARD, '26, 911 View St.

### HARRISBURG, PA.

President.....S. D. EBERLY, '18, 2425 N. 4th St.  
 Secretary.....MRS. J. S. LANGDON, '43, Hillside Apts., 17th and Market St., Camp Hill

## HENRY BREAM ALUMNI CLUB OF WASHINGTON, D.C. (Social Group)

President . . . . . WALTER HESS, '24, 15 Old Chester Rd., Bethesda, Md.

## JOHNSTOWN, PA.

President . . . . . R. H. HENDERSON, '46, 605 Fronheiser St.

Secretary . . . . . C. C. DOVEY, '48, 345 Luzerne St.

## LANCASTER, PA.

President . . . . . C. A. LANDIS, '26, Lititz

Secretary . . . . . BETTY EDWARDS, '48, 63 S. Franklin St., Lancaster

## LEBANON AND SCHUYLKILL COUNTIES

President . . . . . B. L. CRIST, '19, Pine Grove

Secretary . . . . . R. T. SELTZER, '32, 64 Center Ave., Schuylkill Haven

## LEHIGH VALLEY

President . . . . . A. G. MACMILLAN, '24, 114 Mountain Blvd., Emmaus

Secretary . . . . . E. S. FLEMING, '31, 2011 Washington Blvd., Easton

## LOUISIANA

President . . . . . M. W. MILLER, '20, 1109 Eleanore St., New Orleans

## NEW YORK

President . . . . . LLOYD VAN DOREN, '09, 17 West 10th St., New York 11, N. Y.

Secretary . . . . . F. A. KISTER, '13, 32 Broadway, New York

## NORTH CENTRAL PENNSYLVANIA

President . . . . . R. L. SHADLE, '37, Selinsgrove

Secretary . . . . . P. F. CURFMAN, '26, Northumberland

## PHILADELPHIA, PA.

President . . . . . MRS. C. E. HUBSCH, '38, 521 Monroe Rd., Merion

Secretary . . . . . W. H. HEWSON, '49, 6300 Overbrook Avenue, Philadelphia

## PITTSBURGH, PA.

President . . . . . T. G. ARNOLD, '15, 1016 Morningside Avenue

Secretary . . . . . ROBERT MELLIN, '12, 1906 Clark Blvd.

## READING AND BERKS COUNTY, PA.

President . . . . . J. L. SHARETTS, '20, 2433 Filbert St., Reading

Secretary . . . . . G. K. NEWBOULD, '31, Central Y. M. C. A., Reading

## SOMERSET, PA.

President . . . . . F. S. HOFFMAN, '29, 223 N. Franklin Ave., Somerset

Secretary . . . . . R. L. YUND, '19, Sipesville

## SOUTHERN CALIFORNIA

President . . . . . J. B. WEAVER, '39, 9300 Cranshaw Blvd., Inglewood  
Secretary . . . . . R. Z. IMLER, '00, 306 Levermore Ter., Los Angeles

## SOUTHERN WEST VIRGINIA

President . . . . . C. O. SNYDER, '16, Charleston, W. Va.  
Secretary . . . . . P. E. CARTE, '29, Charleston, W. Va.

## WASHINGTON, D. C.

President . . . . . L. H. SNYDER, '31, 3640 Everett St., N. W.  
Secretary . . . . . ELIZABETH KRUMRINE, '45, Apt. 106, 21 Riggs Rd., N. E.

## WESTERN MARYLAND

President . . . . . L. M. SOWERS, '23, 22 E. Main St., Lonaconing  
Secretary . . . . . J. M. McALPINE, '31, 747 Washington St., Cumberland

## WYOMING VALLEY

President . . . . . J. F. SALLADA, '27, 25 Mallery Pl., Wilkes-Barre  
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## Senior Class

CLASS OF 1951

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ARMSTRONG, W. Claire, <i>Economics</i> . . . . .	Ramsey, New Jersey
ARNDT, Henry, Jr., <i>Psychology</i> . . . . .	Enhaut, Pennsylvania
ASPEN, Alfred William, Jr., <i>Economics</i> . . . . .	Penn Wynne, Pennsylvania
AURAND, Maude Elisabeth, <i>Social Science</i> . . . . .	Wheeling, West Virginia
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AYRES, Stephen McClintock, <i>Biology</i> . . . . .	Westfield, New Jersey
BARNETT, Jean Charles, <i>Social Science</i> . . . . .	Westfield, New Jersey
BATTISTI, Sylvester Joseph, <i>Mathematics</i> . . . . .	Greensburg, Pennsylvania
BAUGHER, George Luther, Jr., <i>Political Science</i> . . . . .	Aspers, Pennsylvania
BAUSBACK, Leonard Charles, <i>Chemistry</i> . . . . .	Floral Park, New York
BECKER, William Lewis, <i>History</i> . . . . .	Reading, Pennsylvania
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BIKLE, Harry Dwight, <i>Chemistry</i> . . . . .	Fayetteville, Pennsylvania
BOBB, Cynthia Jean, <i>Economics</i> . . . . .	Harrisburg, Pennsylvania
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BROWN, James Alexander, <i>Economics</i> . . . . .	Mt. Ephraim, New Jersey
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CARROLL, Wilda, <i>Social Science</i> . . . . .	Claysville, Pennsylvania
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CHRIST, Phyllis Elaine, <i>Chemistry</i> . . . . .	Pine Grove, Pennsylvania
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KNORR, Cornelius Christian, <i>History</i> . . . . .	Gettysburg, Pennsylvania
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MCGUIRE, Margaret Boyd, <i>History</i> . . . . .	Gettysburg, Pennsylvania
MCGUIRE, Philip Earle, <i>English</i> . . . . .	Gettysburg, Pennsylvania
MCMULTY, Leighton Edgar, Jr., <i>English</i> . . . . .	Carlisle, Pennsylvania
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SCHAFER, Peter Bruere, <i>English</i> . . . . .	Newton, Pennsylvania
SCHIEDT, David Lee, <i>German</i> . . . . .	Baltimore, Maryland
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SHAFFER, Clyde Wilson, <i>Economics</i> . . . . .	Annville, Pennsylvania
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STEVENSON, Joseph Waddell, <i>History</i> . . . . .	Frederick, Maryland
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STOUGHTON, James Manning, <i>English</i> . . . . .	Amherst, Massachusetts
STUPI, Chester George, <i>Economics</i> . . . . .	Baltimore, Maryland
SULLIVAN, James William, <i>Mathematics</i> . . . . .	Miami, Florida
SVITZER, Jack Kennard, <i>Economics</i> . . . . .	Forty Fort, Pennsylvania
TESNO, Harold William, <i>Mathematics</i> . . . . .	Ashland, Pennsylvania
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THOMAS, Robert Kenneth, <i>Economics</i> . . . . .	Chambersburg, Pennsylvania
THOMAS, Shirley Joan, <i>French</i> . . . . .	Philadelphia, Pennsylvania
THOMPSON, Lyman Leslie, <i>Economics</i> . . . . .	Roselle Park, New Jersey
TIPTON, William Burton, <i>Economics</i> . . . . .	Gettysburg, Pennsylvania
TITTLE, Phyllis Jean, <i>French</i> . . . . .	Harrisburg, Pennsylvania
TITUS, Richard Meredith, <i>Economics</i> . . . . .	Wayne, Pennsylvania
VAN STONE, Charles Thomas, <i>Economics</i> . . . . .	Newton, New Jersey
VETTER, Ernest Wilson, <i>Psychology</i> . . . . .	Baltimore, Maryland
WAGNER, John Hoy, Jr., <i>History</i> . . . . .	Hudson Heights, New Jersey
WALTERSDORF, Thomas Edward, <i>Economics</i> . . . . .	Hanover, Pennsylvania
WAREHEIM, Robert Byers, <i>History</i> . . . . .	Littlestown, Pennsylvania
WARNER, Cleaston Frank, <i>Chemistry</i> . . . . .	York, Pennsylvania
WEEKES, Donald Munson, <i>History</i> . . . . .	Brooklyn, New York
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WIEAND, Robert Bauman, <i>Economics</i> . . . . .	Emmaus, Pennsylvania
WILEMAN, Russell Benjamin, <i>History</i> . . . . .	Harrisburg, Pennsylvania
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WOHLFARTH, Bettie Jayne, <i>Social Science</i> . . . . .	Harrisburg, Pennsylvania
WOODS, David Walker, <i>Physics</i> . . . . .	Gettysburg, Pennsylvania
WRIGHT, Frederick, <i>Chemistry</i> . . . . .	Hanover, Pennsylvania
YOCUM, John Russell, Jr., <i>Political Science</i> . . . . .	Westfield, New Jersey
YOST, Robert Morris, <i>Chemistry</i> . . . . .	Philadelphia, Pennsylvania
YOUNG, Dwight Irvin, <i>Economics</i> . . . . .	York, Pennsylvania
YOUNG, George Donald, <i>Physical Education</i> . . . . .	Lemoyne, Pennsylvania
ZEIGLER, Maurice Leroy, Jr., <i>Chemistry</i> . . . . .	Gettysburg, Pennsylvania
ZERCHER, Albert William, <i>Economics</i> . . . . .	Littlestown, Pennsylvania
ZINNER, Eva Marie, <i>Physics</i> . . . . .	Philadelphia, Pennsylvania

Junior Class

CLASS OF 1952

Candidates for the Degree of Bachelor of Arts

ABBOTT, Richard Saleem, <i>Social Science</i> . . . . .	Sunbury, Pennsylvania
ALTLAND, Robert Clarence, <i>Biology</i> . . . . .	Seven Valleys, Pennsylvania
ALWINE, Earl Henry, <i>Chemistry</i> . . . . .	New Freedom, Pennsylvania
ANDREW, Samuel Ellis, <i>Economics</i> . . . . .	Amity, Pennsylvania
ANDREWS, Kenneth James, <i>Economics</i> . . . . .	Bordentown, New Jersey
ANTHONY, Hayes William, <i>Biology</i> . . . . .	Hanover, Pennsylvania
ASCH, David John, <i>Economics</i> . . . . .	Greenville, Delaware
AUNGST, Kenneth Wilson, <i>Economics</i> . . . . .	Harrisburg, Pennsylvania
AUSTIN, John Henry Smith, <i>Political Science</i> . . . . .	Aberdeen, Maryland
BACIK, Richard Martin, <i>Physics</i> . . . . .	Cleveland, Ohio
BAILEY, Thomas William, <i>Economics</i> . . . . .	Danville, Pennsylvania
BALLANTYNE, Ruth Isabelle, <i>History</i> . . . . .	Havertown, Pennsylvania
BARKHOUSER, Richard Glenn, <i>English</i> . . . . .	Martinsburg, West Virginia
BARNES, Lloyd John, <i>Economics</i> . . . . .	Baltimore, Maryland
BARRANCO, Frank Henry, <i>Chemistry</i> . . . . .	Westfield, New Jersey
BEAVER, Jeanne, <i>Psychology</i> . . . . .	Harrisburg, Pennsylvania
BECK, Rodney Blaine, <i>Chemistry</i> . . . . .	Wrightsville, Pennsylvania
BECKNER, Martin McHale, <i>Economics</i> . . . . .	York, Pennsylvania
BENDER, Charles Benjamin, Jr., <i>Economics</i> . . . . .	Gettysburg, Pennsylvania
BENNETT, Newton Wesley, <i>Chemistry</i> . . . . .	Philadelphia, Pennsylvania
BEST, Raymond Carl, <i>Social Science</i> . . . . .	Williamsport, Pennsylvania
BIROS, Joseph Bernard, <i>Physical Education</i> . . . . .	Keiser, Pennsylvania
BITNER, Robert Kemper, <i>Economics</i> . . . . .	Middletown, Pennsylvania
BIXBY, Leroy Frank, <i>Economics</i> . . . . .	West Englewood, New Jersey
BLANCHARD, Margaret Harriet, <i>Biology</i> . . . . .	Ramsey, New Jersey
BLANKENBILLER, Bernard Hemmig, <i>German</i> . . . . .	Mohnton, Pennsylvania
BLOSE, William Adolph, <i>Chemistry</i> . . . . .	Greensburg, Pennsylvania
BLYMIRE, George Stanley, Jr., <i>Chemistry</i> . . . . .	Mt. Wolf, Pennsylvania
BOND, Albert Dakin, <i>Economics</i> . . . . .	Paulsboro, New Jersey
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BRACEY, Marianne, <i>French</i> . . . . .	Gettysburg, Pennsylvania
BRADLEY, Arthur Roger, <i>Economics</i> . . . . .	Fairlawn, New Jersey
BRENHOLTZ, George Walter, <i>Biology</i> . . . . .	Hellertown, Pennsylvania
BRENNAN, Charles Lewis Starr, Jr., <i>Biology</i> . . . . .	Gloucester, New Jersey
BRIGHT, Thomas Chester, <i>Biology</i> . . . . .	Norristown, Pennsylvania
BROWN, Henry Kendrick, <i>History</i> . . . . .	Silver Spring, Maryland
BUCK, Coral Dawn, <i>Economics</i> . . . . .	Brooklyn, New York
CADMUS, Richard Alfred, <i>Biology</i> . . . . .	Westfield, New Jersey
CERVINO, John Romano, <i>History</i> . . . . .	Haddon Heights, New Jersey
CHAPMAN, William Keith, <i>Economics</i> . . . . .	Odessa, New York
CLARK, Dale Eugene, <i>Economics</i> . . . . .	Bendersville, Pennsylvania
CLARK, John Winthrop, <i>Economics</i> . . . . .	South Deerfield, Massachusetts
CLARKE, Earl Mahlon, <i>Social Science</i> . . . . .	Lititz, Pennsylvania

CLEMENT, Elizabeth Adele, <i>Social Science</i> . . . . .	Upper Darby, Pennsylvania
CLOUSER, Karl Danner, <i>Philosophy</i> . . . . .	Middletown, Pennsylvania
CODER, Eugene Elmer, <i>Economics</i> . . . . .	Conshohocken, Pennsylvania
COLES, Henry Bancroft, <i>Economics</i> . . . . .	Moorestown, New Jersey
COMPAGNONE, Joseph Anthony, <i>Biology</i> . . . . .	Milford, Massachusetts
CONNER, William Harrison, Jr., <i>Psychology</i> . . . . .	Havertown, Pennsylvania
CRAMER, Kenneth Clarence, <i>Economics</i> . . . . .	Morris Plains, New Jersey
CROMWELL, John Edward, <i>Economics</i> . . . . .	Gettysburg, Pennsylvania
DAVID, Hearl Dale, <i>Economics</i> . . . . .	Ashfield, Pennsylvania
DAVID, Theodore Lee, <i>Chemistry</i> . . . . .	Ashfield, Pennsylvania
DAVIES, Alice Keck, <i>English</i> . . . . .	Easton, Pennsylvania
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DELLABOUGH, Robert Bouck, <i>Physical Education</i> . . . . .	Teaneck, New Jersey
DESIMONE, Clino Gustave, <i>English</i> . . . . .	Middletown, Connecticut
DESIMONE, Samuel G., <i>Biology</i> . . . . .	Paulsboro, New Jersey
DEVRIES, Robert Edward, <i>German</i> . . . . .	Jackson Heights, New York
DICKEY, Ruth Ann, <i>English</i> . . . . .	Somerset, Pennsylvania
DILLON, Thomas Francis, <i>Economics</i> . . . . .	Philadelphia, Pennsylvania
DINGMAN, Arthur, III, <i>Biology</i> . . . . .	Englewood, New Jersey
DROVIN, Welsh, <i>Psychology</i> . . . . .	Philadelphia, Pennsylvania
DUBBS, Dean Nevin, <i>Economics</i> . . . . .	Hanover, Pennsylvania
DUCHNOSKI, Frank Thomas, <i>Biology</i> . . . . .	Norwalk, Connecticut
EBBERT, Daniel Gilbert, <i>Physical Education</i> . . . . .	Biglerville, Pennsylvania
EBELING, Kenneth Adalbert, <i>Latin</i> . . . . .	Waynesboro, Pennsylvania
ELLSWORTH, Bruce Donald, <i>Economics</i> . . . . .	Merchantville, New Jersey
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EMLET, Patricia Ann, <i>Mathematics</i> . . . . .	Loysville, Pennsylvania
ENGLE, Lewis Rice, <i>Biology</i> . . . . .	Western Port, Maryland
ERDMAN, Dean Roy, <i>Chemistry</i> . . . . .	Gettysburg, Pennsylvania
FANDRICK, George Harold, <i>Chemistry</i> . . . . .	Moorestown, New Jersey
FAUSOLD, Priscilla Ann, <i>English</i> . . . . .	Valois, New York
FELTMAN, Howard Leonard, <i>Spanish</i> . . . . .	Willow Grove, Pennsylvania
FERNEKES, Eugene Edwin, <i>Economics</i> . . . . .	Teaneck, New Jersey
FICKEL, James Rodney, Jr., <i>Economics</i> . . . . .	Carlisle, Pennsylvania
FLUHARTY, Eugene Lewis, <i>Economics</i> . . . . .	Penns Grove, New Jersey
FORRY, Milton George, Jr., <i>Chemistry</i> . . . . .	Dillsburg, Pennsylvania
FOSTER, Elizabeth Anne, <i>Social Science</i> . . . . .	Westville, New Jersey
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FUHRO, Carol Yvonne, <i>Spanish</i> . . . . .	Woodridge, New Jersey
FUNK, James Julius, III, <i>Biology</i> . . . . .	Somerset, Pennsylvania
GARDNER, Harry Charles, <i>Economics</i> . . . . .	Johnstown, Pennsylvania
GARDNER, Irvin Henry, <i>Economics</i> . . . . .	York, Pennsylvania
GARDNER, Kenneth Victor, <i>Biology</i> . . . . .	York, Pennsylvania
GENG, Harry Frederick, <i>Political Science</i> . . . . .	West Hempstead, New York
GEORGE, Daniel Jack, <i>Chemistry</i> . . . . .	Minersville, Pennsylvania
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GLADFELTER, Wilbert Eugene, <i>Biology</i> . . . . .	York, Pennsylvania
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KEETLEY, William Henry, <i>Economics</i> . . . . .	Drexel Hill, Pennsylvania
KEISER, William Paul, <i>Mathematics</i> . . . . .	Williamsport, Pennsylvania
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KENNEDY, Walter Joseph, Jr., <i>Economics</i> . . . . .	Yonkers, New York
KERSTETTER, Lois Marilyn, <i>English</i> . . . . .	Enola, Pennsylvania
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KIPSEY, Lois Ann, <i>History</i> . . . . .	North Plainfield, New Jersey
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KLOTZ, Janet Schweitzer, <i>Political Science</i> . . . . .	Rockville, Connecticut
KNAPP, George Washington, <i>Political Science</i> . . . . .	Wyncote, Pennsylvania
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KNECHT, Janet Norbeth, <i>English</i> . . . . .	Tower City, Pennsylvania
KNUBEL, Helen Alice, <i>Biology</i> . . . . .	New Rochelle, New York
KOCH, Harry John, <i>Physical Education</i> . . . . .	Kingston, New York
KRISSINGER, Richard Scoville, <i>Economics</i> . . . . .	Hartford, Connecticut
KRUSE, Ernest John, <i>Economics</i> . . . . .	Roselle, New Jersey

LAFEAN, John Workman, <i>Economics</i> . . . . .	Hanover, Pennsylvania
LAIRD, Robert Malcolm, Jr., <i>Political Science</i> . . . . .	Hanover, Pennsylvania
LAZORISHAK, Theodore, <i>Physical Education</i> . . . . .	Sharon, Pennsylvania
LECKRONE, James Bernard, <i>Political Science</i> . . . . .	Dillsburg, Pennsylvania
LEIBFRIED, Janet Mae, <i>Bible</i> . . . . .	Scranton, Pennsylvania
LENKER, John Nicholas . . . . .	Millersburg, Pennsylvania
LEVENDIS, George, <i>Economics</i> . . . . .	Lebanon, Pennsylvania
LEWIS, Grenville, III, <i>Economics</i> . . . . .	Hollywood, Maryland
LINGENFELTER, Patricia Dawn, <i>Psychology</i> . . . . .	Altoona, Pennsylvania
LIPPINCOTT, Scott West, <i>Economics</i> . . . . .	Haddon Heights, New Jersey
LOCKWOOD, William Dixon, <i>Economics</i> . . . . .	Moorestown, New Jersey
LOOSE, John Harry, <i>Philosophy</i> . . . . .	Bair, Pennsylvania
LOTZ, Genevieve Marie, <i>History</i> . . . . .	Zelienople, Pennsylvania
LOVE, Joseph Mitchell, <i>Mathematics</i> . . . . .	Lonaconing, Maryland
LOVELL, John Raymond, II, <i>Mathematics</i> . . . . .	North Arlington, Virginia
LOWE, Raymond Joseph, <i>Social Science</i> . . . . .	Sunflower, Kansas
MAHAN, Frederick Isaac, <i>Political Science</i> . . . . .	Charleston, West Virginia
MAHON, Bruce Anthony, <i>History</i> . . . . .	Philadelphia, Pennsylvania
MALONEY, Alan Wren, <i>Economics</i> . . . . .	Teaneck, New Jersey
MANGELS, George Henry, <i>Economics</i> . . . . .	Floral Park, New York
MARKEE, Earl Haverly, Jr., <i>Mathematics</i> . . . . .	Elkins Park, Pennsylvania
MAXWELL, Howard Bowden, <i>History</i> . . . . .	Upper Darby, Pennsylvania
MCDANIEL, Lee Alton, <i>Philosophy</i> . . . . .	Williamsport, Pennsylvania
MACGHEE, Peter Forrest, <i>Economics</i> . . . . .	Moorestown, New Jersey
MACNEILE, Robert Arland, <i>Economics</i> . . . . .	Bayonne, New Jersey
MEHRING, Edward J., <i>Economics</i> . . . . .	Littlestown, Pennsylvania
MEISENHELTER, Glenn James, <i>Chemistry</i> . . . . .	York, Pennsylvania
MELHORN, Frederick Robert, <i>Biology</i> . . . . .	Johnstown, Pennsylvania
MICHENER, Leslie Mather, <i>Economics</i> . . . . .	Lansdowne, Pennsylvania
MICKLEY, Marguerite Jane, <i>Biology</i> . . . . .	Cashtown, Pennsylvania
MICKLEY, Nancy Kahl, <i>German</i> . . . . .	Baltimore, Maryland
MILLER, Elwood Harold, Jr., <i>Economics</i> . . . . .	Lykens, Pennsylvania
MILLER, Max Eugene, <i>Physical Education</i> . . . . .	Waynesboro, Pennsylvania
MITMAN, Robert Clay, <i>French</i> . . . . .	Sellersville, Pennsylvania
MOORE, Carey Armstrong, Jr., <i>Greek</i> . . . . .	Baltimore, Maryland
NOGGLE, William Shannon, <i>Mathematics</i> . . . . .	Harrisburg, Pennsylvania
NOLL, Richard Paul, <i>Political Science</i> . . . . .	York, Pennsylvania
NORRIS, Gene Scott, <i>Mathematics</i> . . . . .	York, Pennsylvania
OBERKEHR, Charles Luther, <i>Philosophy</i> . . . . .	Bronx, New York
OTTIGNON, Roger David, <i>Chemistry</i> . . . . .	Ridgefield Park, New Jersey
PARTIKIAN, Edwin Nerses, <i>Mathematics</i> . . . . .	Massapequa, New York
PERFETTI, Leonard Anthony, Jr., <i>History</i> . . . . .	Port Morris, New Jersey
PLANK, Alice, <i>Biology</i> . . . . .	Gettysburg, Pennsylvania
PROCTOR, George Nelson, <i>Economics</i> . . . . .	Verona, New Jersey
PURSEL, Margaret Joanne, <i>French</i> . . . . .	Harrisburg, Pennsylvania
RAMSEY, Robert Warren, <i>French</i> . . . . .	York, Pennsylvania
RAPHAEL, Bernard Otto, <i>English</i> . . . . .	West Englewood, New Jersey
RASKIN, Jay Mitchell, <i>Social Science</i> . . . . .	Philadelphia, Pennsylvania
REED, Bertram Scardale, Jr., <i>Economics</i> . . . . .	Philadelphia, Pennsylvania

REIMANN, Walter Albert, <i>Economics</i> . . . . .	Rockledge, Pennsylvania
RESANOVICH, Milan, <i>Economics</i> . . . . .	Lebanon, Pennsylvania
REYNOLDS, Harry Aaron, Jr., <i>Biology</i> . . . . .	Burlington, New Jersey
RICHARDSON, William Francis, II, <i>Economics</i> . . . . .	Harrisburg, Pennsylvania
RISLEY, Albert Davis, Jr., <i>Economics</i> . . . . .	Conshohocken, Pennsylvania
ROMESBERG, Earl Lawrence, <i>Economics</i> . . . . .	York, Pennsylvania
ROMMEL, Dorothy Jane, <i>Spanish</i> . . . . .	Philadelphia, Pennsylvania
ROSE, Joseph John, <i>Economics</i> . . . . .	York, Pennsylvania
ROSENBERRY, Creston Jay, <i>Mathematics</i> . . . . .	Chambersburg, Pennsylvania
ROYALS, Gerald Earl, <i>Economics</i> . . . . .	West Englewood, New Jersey
RUBY, Charles Henry, <i>Social Science</i> . . . . .	York, Pennsylvania
SALVATO, Francis John, <i>Chemistry</i> . . . . .	Westfield, New Jersey
SCALZI, Dante Virgil, <i>Spanish</i> . . . . .	Reading, Pennsylvania
SCHAAD, Marilyn Louise, <i>Social Science</i> . . . . .	Easton, Pennsylvania
SCHILLER, Arthur Ellsmore, Jr., <i>Economics</i> . . . . .	Bridgeton, New Jersey
SCHMITT, Frederick William, Jr., <i>Economics</i> . . . . .	Wynnewood, Pennsylvania
SCHOEN, Robert August, <i>Economics</i> . . . . .	Havertown, Pennsylvania
SCHUSTER, Charles Robert, Jr., <i>Psychology</i> . . . . .	Blackwood, New Jersey
SCHWEIZER, Robert Roy, <i>Biology</i> . . . . .	Merchantville, New Jersey
SCHWERING, James Elliott, Jr., <i>English</i> . . . . .	Bethlehem, Pennsylvania
SCOTT, Richard Edward, <i>Economics</i> . . . . .	Washington, D. C.
SEGRAVES, William Glenn, <i>Political Science</i> . . . . .	New Oxford, Pennsylvania
SEITZINGER, Rachael Janey, <i>History</i> . . . . .	Tower City, Pennsylvania
SHAFFER, George Clark, <i>Physical Education</i> . . . . .	Bloomsburg, Pennsylvania
SHAFFER, Jack Edwin, <i>History</i> . . . . .	Harrisburg, Pennsylvania
SHAFFER, Wayne Eugene, <i>Physics</i> . . . . .	Seven Valleys, Pennsylvania
SHEARER, Cynthia Laux, <i>Psychology</i> . . . . .	Philadelphia, Pennsylvania
SHEEHAN, James William, <i>Philosophy</i> . . . . .	Bayonne, New Jersey
SHULER, William Franklin, <i>Economics</i> . . . . .	Dover, New Jersey
SIMEONE, Richard Frank, <i>Psychology</i> . . . . .	Cliffside, New Jersey
SLIFER, Joanne Ruth, <i>Physical Education</i> . . . . .	Milton, Pennsylvania
SMALL, Francis Gerard, <i>Economics</i> . . . . .	McSherrystown, Pennsylvania
SMELTZ, George Edwin, Jr., <i>Economics</i> . . . . .	New Oxford, Pennsylvania
SMITH, Edward Charles, <i>Economics</i> . . . . .	Dover, New Jersey
SMITH, Hubert Coulson, <i>Bible</i> . . . . .	Dillsburg, Pennsylvania
SNAVELY, Geraldine Louise, <i>Social Science</i> . . . . .	Mechanicsburg, Pennsylvania
SNEEDER, Jacquelyn Mae, <i>Social Science</i> . . . . .	Harrisburg, Pennsylvania
SNOOK, Lee Elwood, <i>English</i> . . . . .	Lewistown, Pennsylvania
SOHNLEITNER, John Russell, <i>Physical Education</i> . . . . .	York, Pennsylvania
SOULT, John Gilbert, <i>Economics</i> . . . . .	Clearfield, Pennsylvania
SOWERS, Lowell Martin, <i>Political Science</i> . . . . .	Lonaconing, Maryland
STECHER, William Alfred, <i>Chemistry</i> . . . . .	Silver Spring, Maryland
STEPER, Robert Levi, Jr., <i>Mathematics</i> . . . . .	Chambersburg, Pennsylvania
STERNER, Donald Eugene, <i>Physical Education</i> . . . . .	Gettysburg, Pennsylvania
STERRETT, Edgar Black, Jr., <i>Economics</i> . . . . .	Philadelphia, Pennsylvania
STILES, Austin Edward, Jr., <i>Chemistry</i> . . . . .	Warrenton, Virginia
STUART, Josephine Catherine, <i>English</i> . . . . .	Jamestown, New York
SWAIN, Charles Andrew, III, <i>Economics</i> . . . . .	Cape May, New Jersey
TARMAN, James Irving, <i>History</i> . . . . .	York, Pennsylvania

TAYLOR, Charles Clinton, <i>Economics</i> . . . . .	Dallastown, Pennsylvania
TAYLOR, Earle Forney, Jr., <i>Mathematics</i> . . . . .	Harrisburg, Pennsylvania
TAYLOR, Paul Edson, <i>Chemistry</i> . . . . .	Warren, Ohio
TAYLOR, Robert Gates, <i>Economics</i> . . . . .	Emporium, Pennsylvania
TEDESCHI, Joseph Dominick, Jr., <i>Political Science</i> . . . . .	Endicott, New York
TEETER, Frederick Keller, <i>Economics</i> . . . . .	Taneytown, Maryland
TERENZINI, Richard Joseph, <i>Social Science</i> . . . . .	Rutland, Vermont
THOMAS, David Edward, <i>Latin</i> . . . . .	Middletown, Pennsylvania
THOMAS, Richard Davis, <i>Chemistry</i> . . . . .	Collingdale, Pennsylvania
THOMAS, Richard Dean, <i>History</i> . . . . .	Bellwood, Pennsylvania
TICHENOR, Thalia Suzanne, <i>Mathematics</i> . . . . .	Teaneck, New Jersey
TRONE, Robert Harry, <i>History</i> . . . . .	Hanover, Pennsylvania
VEALE, Stewart Voorhies, <i>Economics</i> . . . . .	Hazleton, Pennsylvania
WAGENER, Byton Ashby, <i>English</i> . . . . .	Merchantville, New Jersey
WARNER, Martin Luther, <i>Physical Education</i> . . . . .	Dallastown, Pennsylvania
WATSON, Warren Richard, <i>Economics</i> . . . . .	Wildwood, New Jersey
WEAVER, Donald Eugene, <i>French</i> . . . . .	Gettysburg, Pennsylvania
WEIDNER, Frederick Piersol, <i>Chemistry</i> . . . . .	Clearfield, Pennsylvania
WELSH, Ellen Lee, <i>Biology</i> . . . . .	McConnellsburg, Pennsylvania
WHITTAKER, Frank Louis, <i>Economics</i> . . . . .	Merchantville, New Jersey
WILHIDE, Fred Ritter, <i>Mathematics</i> . . . . .	Keymar, Maryland
WOODS, James Richard, <i>Economics</i> . . . . .	Newton, New Jersey
WOUTERSZ, Theodore Bruce, <i>Chemistry</i> . . . . .	Harrisburg, Pennsylvania
YINGLING, Jacob Mathias, <i>History</i> . . . . .	Gettysburg, Pennsylvania
YODER, John Landis, <i>Economics</i> . . . . .	Harrisburg, Pennsylvania
ZELLER, Donald Reed, <i>Economics</i> . . . . .	Lowville, New York
ZELLERS, Earl Will, <i>Social Science</i> . . . . .	Lebanon, Pennsylvania
ZIEGLER, John Taggart, <i>Chemistry</i> . . . . .	Norristown, Pennsylvania
ZINN, Richard Laverne, <i>Economics</i> . . . . .	Hanover, Pennsylvania

## Sophomore Class

CLASS OF 1953

### *Candidates for the Degree of Bachelor of Arts*

AIERSTOCK, Barbara Ann, <i>Physical Education</i> . . . . .	Lancaster, Pennsylvania
ALBER, Richard Charles, <i>Chemistry</i> . . . . .	Philadelphia, Pennsylvania
ALENSON, Robert Osterhoudt, <i>Economics</i> . . . . .	Maplewood, New Jersey
ALEXANDER, Ethel Virginia, <i>Chemistry</i> . . . . .	Baltimore, Maryland
ARNDT, Walter Edward, <i>Political Science</i> . . . . .	Collingswood, New Jersey
ASTIN, Alexander William, <i>Biology</i> . . . . .	Bethesda, Maryland
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WARD, Eugene Curtis, <i>Physical Education</i> . . . . .	Waynesboro, Pennsylvania
WASHBURN, Alan Bruce, <i>Economics</i> . . . . .	Westfield, New Jersey
WEAVER, Edwin John, <i>Economics</i> . . . . .	Mahwah, New Jersey
WEILAND, Glenn Robert, <i>Physics</i> . . . . .	Gettysburg, Pennsylvania
WERTMAN, Nancy Lee, <i>Biology</i> . . . . .	Delano, Pennsylvania
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WHETSTONE, Richard Dana, <i>Economics</i> . . . . .	Wayne, Pennsylvania
WHITAKER, John Bacon, <i>Economics</i> . . . . .	Salem, New Jersey
WIEAND, Nancy Bauman, <i>Economics</i> . . . . .	Emmaus, Pennsylvania
WIGTON, Robert James, Jr., <i>Economics</i> . . . . .	Catonsville, Maryland
WILEY, John Alfred, <i>Biology</i> . . . . .	Baltimore, Maryland
WILLIAMS, Donald David, <i>Chemistry</i> . . . . .	Hanover, Pennsylvania

WILLIAMS, Harry Daniel, <i>Economics</i> . . . . .	Harrisburg, Pennsylvania
WILLIAMS, Harry Edward, <i>Economics</i> . . . . .	Havertown, Pennsylvania
WILLIAMS, Richard Tracey, <i>Psychology</i> . . . . .	Haddonfield, New Jersey
WILMOT, John Leon, Jr., <i>Economics</i> . . . . .	Moorestown, New Jersey
WOODS, Donald Edward, <i>Physical Education</i> . . . . .	Newton, New Jersey

## *Freshman Class*

CLASS OF 1954

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SELTZER, Peggy Jane, <i>Economics</i> . . . . .	Westfield, New Jersey
SHAMBAUGH, Donald Arthur, <i>Economics</i> . . . . .	Greensburg, Pennsylvania
SHAULIS, Samuel Alvin . . . . .	Evans City, Pennsylvania

SHEETS, Howard Franklin, Jr. . . . .	Pittsburgh, Pennsylvania
SHEPPARD, John Crawford, Jr., <i>Chemistry</i> . . . . .	Pitman, New Jersey
SHOLLENBERGER, George Delroy, <i>Physics</i> . . . . .	Pine Grove, Pennsylvania
SHULL, Samuel McGraw, <i>Economics</i> . . . . .	York, Pennsylvania
SHULL, William Richard, <i>Economics</i> . . . . .	Hazleton, Pennsylvania
SLADE, Richard Timmins, <i>Economics</i> . . . . .	Gettysburg, Pennsylvania
SLAYBACK, Thomas Elry, <i>Physical Education</i> . . . . .	Selinsgrove, Pennsylvania
SMART, Arthur Melville, <i>Chemistry</i> . . . . .	Vineland, New Jersey
SMITH, Carolyn Elizabeth . . . . .	Hanover, Pennsylvania
SMITH, James Austin, <i>Physical Education</i> . . . . .	Middletown, Pennsylvania
SMITH, Mary Jane, <i>Psychology</i> . . . . .	Kingston, New York
SNAVELY, Robert Cornelius, Jr., <i>Pre-Medical</i> . . . . .	Hagerstown, Maryland
SNYDER, Benjamin Clark, <i>Economics</i> . . . . .	New Holland, Pennsylvania
SOEFFING, John Joseph, Jr., <i>Economics</i> . . . . .	Philadelphia, Pennsylvania
SOLFLEISCH, Judith Oakes, <i>English</i> . . . . .	Ridgefield Park, New Jersey
SOUDER, Helen Ann . . . . .	Philadelphia, Pennsylvania
STEVENS, Patricia Ann . . . . .	Gettysburg, Pennsylvania
STEWART, John Raymond, <i>Chemistry</i> . . . . .	Watervliet, New York
STEWART, Robert Dale, <i>Chemistry</i> . . . . .	Hazleton, Pennsylvania
STIBER, Carl Nelson, Jr., <i>Economics</i> . . . . .	Williamsport, Pennsylvania
STOKES, Edwin Bistline, <i>Economics</i> . . . . .	Camp Hill, Pennsylvania
STRANGARITY, Joseph Francis . . . . .	Lebanon, Pennsylvania
STRICKLER, Anne Dorothy, <i>Economics</i> . . . . .	Ramsey, New Jersey
STROEHMANN, Marion Eileen . . . . .	Williamsport, Pennsylvania
TABOR, Lois Ann, <i>Psychology</i> . . . . .	Washington, D. C.
TAYLOR, Joan Elizabeth, <i>Physics</i> . . . . .	Pacific Palisades, California
TRIMPEY, Robert Neil, <i>Psychology</i> . . . . .	Somerset, Pennsylvania
UJOBAL, Joseph Stephen, <i>Economics</i> . . . . .	Phoenixville, Pennsylvania
URGO, Richard Louis, <i>Physical Education</i> . . . . .	Hagerstown, Maryland
VAN ZANTEN, Rutger, <i>Economics</i> . . . . .	Havertown, Maryland
VARNES, Robert Harry, <i>Mathematics</i> . . . . .	Harrisburg, Pennsylvania
VARNEY, Louise Adelia . . . . .	Ardmore, Pennsylvania
VIERLING, Frieda Elizabeth . . . . .	Englewood, New Jersey
VLIET, Robert Elliott, <i>Biology</i> . . . . .	Westfield, New Jersey
VON SCHLICHTEN, Alexander Paul, <i>Biology</i> . . . . .	York, Pennsylvania
WAGNER, Barbara Christine . . . . .	Baltimore, Maryland
WAGNER, Nancy Ann, <i>Biology</i> . . . . .	Asbury Park, New Jersey
WALKER, LeRoy Scot, <i>Economics</i> . . . . .	York, Pennsylvania
WALKER, Robert Louis . . . . .	Landover Hills, Maryland
WALSH, Louise Fay, <i>English</i> . . . . .	Staten Island, New York
WANTZ, Earl Burnell, <i>Bible</i> . . . . .	Westminster, Maryland
WARTHLING, Edward Eugene, <i>Economics</i> . . . . .	Honesdale, Pennsylvania
WEBER, Albert Leroy . . . . .	Cumberland, Maryland
WEEMS, Donald Bright, <i>Chemistry</i> . . . . .	Wenonah, New Jersey
WEIKEL, Patricia Joanne, <i>English</i> . . . . .	Philadelphia, Pennsylvania
WELLIVER, Walter Robert . . . . .	Bloomsburg, Pennsylvania
WENTZ, Frederick Henry . . . . .	Hanover, Pennsylvania
WEYN, Adrian Saltzman . . . . .	Hagerstown, Maryland
WHITE, Susan Frances . . . . .	Erie, Pennsylvania

WHITEHEAD, John Stopper, <i>Economics</i> . . . . .	Williamsport, Pennsylvania
WIKER, Edgar Guy, <i>English</i> . . . . .	Philadelphia, Pennsylvania
WILLER, Hubert Hugo, <i>Mathematics</i> . . . . .	Canandaigua, New York
WILLIAMS, Jay Paul Arnold . . . . .	Harrisburg, Pennsylvania
WILLIAMS, Margaret Jean . . . . .	Montour Falls, New York
WILLS, William . . . . .	Duncannon, Pennsylvania
WILSON, John W., <i>Economics</i> . . . . .	Lebanon, Pennsylvania
WINAND, Earl Eugene, <i>Chemistry</i> . . . . .	York, Pennsylvania
WINTERS, William Robert, <i>Chemistry</i> . . . . .	Butler, Pennsylvania
WISEMAN, Alice Joan, <i>Psychology</i> . . . . .	Freeport, New York
WOLFE, Jean Elizabeth . . . . .	Gettysburg, Pennsylvania
WOLFE, Richard Edgar, <i>Physics</i> . . . . .	Littlestown, Pennsylvania
WOODWARD, Patricia Ann, <i>Psychology</i> . . . . .	Brooklyn, New York
WRIGHT, Arthur Taylor, <i>Physics</i> . . . . .	Coatesville, Pennsylvania
WRIGHT, Jay Carl, <i>Economics</i> . . . . .	New Holland, Pennsylvania
YEKEL, Elizabeth May, <i>Chemistry</i> . . . . .	Elizabeth, New Jersey
YETTER, Charles Richard . . . . .	Enola, Pennsylvania
YINGLING, Josephine Annette . . . . .	Hagerstown, Maryland
YINGLING, Judith Lamar . . . . .	Hagerstown, Maryland
YOUNG, George M., <i>Pre-Medical</i> . . . . .	Harrisburg, Pennsylvania
YOUNG, James Robert . . . . .	Altoona, Pennsylvania
YUZUK, Ronald, P. . . . .	Palisade, New Jersey
ZERBY, Donald Eugene, <i>Mathematics</i> . . . . .	Millersburg, Pennsylvania
ZIEGLER, James Bortner, <i>Spanish</i> . . . . .	Hanover, Pennsylvania

## *Students Entering in February 1, 1950*

### *Too Late to Be Entered in the Catalog of the Year*

Barnett, Jean Charles, <i>Westfield, N. J.</i>	Kennedy, Philip Alexander, <i>York, Pa.</i>
Baughman, Phyllis Mae, <i>Littlestown, Pa.</i>	Kleinfelter, Dale Fred, <i>Middletown, Pa.</i>
Beaver, Jeanne Elizabeth, <i>Harrisburg, Pa.</i>	Leaman, John David, <i>Lititz, Pa.</i>
Becker, William Lewis, <i>Harrisburg, Pa.</i>	Lightner, Phillip Paul, <i>York, Pa.</i>
Bennett, Paul Horatius, <i>Bridgeton, N. J.</i>	Loose, Dwight Bevers, <i>Hastings-on-Hudson, N. Y.</i>
Boyer, John Clement, <i>Mifflinburg, Pa.</i>	McKinney, Edwin Schofield, <i>Philadelphia, Pa.</i>
Braden, Paula Lou, <i>Brooklyn, N. Y.</i>	Menz, Frederick, <i>Blue Ridge Summit, Pa.</i>
Brooks, Edward Herbert, <i>Milwaukee, Wis.</i>	Noel, Claude Edward, <i>Baltimore, Md.</i>
Buehler, William E., III, <i>Philadelphia, Pa.</i>	Nucho, Fuad Nayef, <i>El Husn, Transjordan</i>
Carlton, Frederick Osten, <i>North Bergen, N. J.</i>	Quick, Philip Souder, Jr., <i>Newport, N. J.</i>
Cavey, Charles Gilbert, Jr., <i>Baltimore, Md.</i>	Ramsey, William Paul, <i>Harrisburg, Pa.</i>
Civil, Richard George, <i>Englewood, N. J.</i>	Reynolds, Harry Aaron, Jr., <i>Burlington, N. J.</i>
David, Marvin Richard, <i>Easton, Pa.</i>	Ringler, Harold Rishel, <i>Somerset, Pa.</i>
Davies, John Samuel, <i>West Lawn, Pa.</i>	Runk, Paul Wesley, <i>Hanover, Pa.</i>
Davis, Charles Alfred, <i>Pine Grove, Pa.</i>	Schwabenland, Carl, <i>Philadelphia, Pa.</i>
Engler, Edith Grace, <i>Woodside, N. Y.</i>	Sleppin, Michael, <i>New York, N. Y.</i>
Frazier, Julia Lawrence, <i>Baltimore, Md.</i>	Smith, Edward Charles, <i>Dover, N. J.</i>
Galbraith, John Robert, <i>Waynesboro, Pa.</i>	Smith, Peter Cutler, <i>Andover, Mass.</i>
Greene, Robert Nagle, <i>Lebanon, Pa.</i>	Stern, Donald Eugene, <i>Gettysburg, Pa.</i>
Gusovius, Robert, <i>Philadelphia, Pa.</i>	Thomas, Richard Davis, <i>Collingdale, Pa.</i>
Henning, Edward Henry, <i>Little Neck, N. Y.</i>	Thomas, Robert Edgar, <i>Collingdale, Pa.</i>
Hollinger, Jean Annette, <i>Abbottstown, Pa.</i>	Weikert, Millard Laver, <i>Hanover, Pa.</i>
Horvath, Clarence Retner, <i>Phoenixville, Pa.</i>	Williams, Donald David, <i>Hanover, Pa.</i>
James, Robert Walter, <i>Hanover, Pa.</i>	Winter, Dolores Margaret, <i>Mineola, Long Island, N. Y.</i>
	Wonhof, Alan Evers, <i>Hempstead, N. Y.</i>

## *Students Attending the 1950 Summer Session*

Aldinger, Frederick, *Chambersburg, Pa.*  
 Altland, Comer, *Gettysburg, Pa.*  
 Armstrong, W. Claire, *Ramsey, N. J.*

Bacon, George S., *Lancaster, Pa.*  
 Barber, Jess S., *South Orange, N. J.*  
 Barnes, Lloyd J., *Baltimore 16, Md.*  
 Barrick, Richard L., *Shermansdale, Pa.*  
 Battisti, Sylvester J., *Greensburg, Pa.*  
 Becker, William L., *Reading, Pa.*  
 Belber, Henry S., *Malvern, Pa.*  
 Bennett, Paul H., *Bridgeton, N. J.*  
 Black, James J., *Carlisle, Pa.*  
 Blankenbiller, Bernard, *Mohnton, Pa.*  
 Boeckel, Edward L., *York, Pa.*  
 Bollinger, A. Jane, *New Oxford, Pa.*  
 Bollinger, Donald E., *Gettysburg, Pa.*  
 Bolton, James E., *Harrisburg, Pa.*  
 Bridle, Richard G., *Upper Darby, Pa.*  
 Buck, Coral D., *Brooklyn 9, N. Y.*  
 Buehler, William E., III, *Philadelphia 44, Pa.*  
 Burnett, Marilyn, *New Kensington, Pa.*

Campanaro, Barbara W., *Gettysburg, Pa.*  
 Campbell, Russell A., Jr., *Gettysburg, Pa.*  
 Capone, Harold, *N. Bergen, N. J.*  
 Carlton, Frederick O., *N. Bergen, N. J.*  
 Carrol, Robert, *Philadelphia, Pa.*  
 Carson, Richard D., *Palmyra, N. J.*  
 Cavey, Charles G., Jr., *Baltimore 7, Md.*  
 Cervino, Antonio, *Haddon Heights, N. J.*  
 Chambers, William L., *Erie, Pa.*  
 Chapman, William K., *Odessa, N. Y.*  
 Charlton, Henry H., *Emmitsburg, Md.*  
 Clark, Dale E., *Bendersville, Pa.*  
 Clement, Elizabeth Adele, *Upper Darby, Pa.*  
 Coffman, John S., *Lewisberry, Pa.*  
 Collins, Florence A., *York, Penna.*  
 Conner, Richard, *Waynesboro, Pa.*  
 Correll, Lorraine A., *Catonsville 28, Md.*  
 Court, Richard C., *Teaneck, N. J.*  
 Cromer, Richard H., *Carlisle, Pa.*  
 Crone, Douglas A., *Gettysburg, Pa.*

Daughn, Robert L., *Pittsburgh 15, Pa.*  
 Davis, Charles A., *Pine Grove, Pa.*  
 Denison, Alice B., *Harrisburg, Pa.*  
 Depfer, John F., *York, Pa.*  
 Dickson, David C., Jr., *Bath, Me.*  
 Dickson, Robert B., *Camp Hill, Pa.*  
 Diehl, Clarence A., *Bedford, Pa.*  
 Dingman, Arthur, III, *Englewood, N. J.*  
 Donaldson, William C., *Hagerstown, Md.*  
 Douglas, Charles, *Gaithersburg, Md.*  
 DuBose, William J., Jr., *Washington 9, D. C.*  
 Dushman, Preston H., *Hanover, Pa.*

Eckert, Arthur M., *Hanover, Pa.*  
 Eddins, Edgar L., *Coatesville, Pa.*  
 Emrich, Henry, *Steelton, Pa.*  
 Erdmann, Charles E., *Washington, D. C.*  
 Eves, Barbara, *Gettysburg, Pa.*

Faulkner, Thomas G., *Upper Darby, Pa.*  
 Fausold, Priscilla A., *Valois, N. Y.*

Feeser, Donald C., *Littlestown, Pa.*  
 Fishburn, Harvey W., Jr., *Norristown, Pa.*  
 Fluharty, Eugene L., *Penns Grove, N. J.*  
 Fogal, Benedict J., *Chambersburg, Pa.*  
 Forry, Milton G., Jr., *Dillsburg, Pa.*  
 Foster, Howell S., Jr., *Philadelphia 29, Pa.*  
 Frain, Jacob F., *Buenos Aire, Argentina*  
 Franco, Carmen Miriam, *Gettysburg, Pa.*  
 Franco, Rafael L., *Gettysburg, Pa.*  
 Frankl, Frederic L., *Gettysburg, Pa.*  
 Frankl, Marilene H., *Gettysburg, Pa.*  
 Frantz, Sarah Jane, *Chambersburg, Pa.*  
 Frey, Robert J., *York, Pa.*  
 Fry, Robert L., *Gettysburg, Pa.*  
 Funt, Everard, *Mechanicsburg, Pa.*  
 Fusmer, Robert H., *Canajoharie, N. Y.*

Galbraith, John R., *Waynesboro, Pa.*  
 Gallagher, Thomas L., Jr., *Duquesne, Penna.*  
 Gamble, Janet E., *Chambersburg, Pa.*  
 Gardner, Irvin H., *Manchester, Pa.*  
 Gardner, Kenneth V., *York, Pa.*  
 Gee, Alan H., *Newton, Mass.*  
 Gillespie, Frederick D., Jr., *Westfield, N. J.*  
 Gladfelter, Wilbert E., *York, Pa.*  
 Goff, Ruth Ann, *Harrisburg, Pa.*  
 Gonzalez, Juan M., *Gettysburg, Pa.*  
 Gorsuch, James E., *Altoona, Pa.*  
 Gotwalt, William E., *York, Pa.*  
 Gouse, Earl W., *Mechanicsburg, Pa.*  
 Graeff, Harold B., *Harrisburg, Pa.*  
 Grainger, Robert M., *Drexel Hill, Pa.*  
 Grimes, Donald, *1853 Holly St., Hbg., Pa.*  
 Grisliis, Egil, *Bawaria, Ger.*  
 Gusovius, Robert, *Philadelphia, Pa.*  
 Guss, William J., *Greensburg, Pa.*  
 Guy, Philip A., *Williamsport, Pa.*

Hafer, Sebastian R., *Gettysburg, Pa.*  
 Hake, Robert E., *Camp Hill, Pa.*  
 Hallas, Edward J., Jr., *Philadelphia, Pa.*  
 Hamilton, Charles B., *Pittsburgh, Pa.*  
 Hamilton, George Danner, *Pittsburgh, Pa.*  
 Hamlin, Jay E., *Fairfield, Pa.*  
 Hamm, George, *Elizabeth, N. J.*  
 Hamme, Leander G., *Brodbecks, Pa.*  
 Hamme, Lloyd L., *Brodbecks, Pa.*  
 Hartman, Virgil, *Gettysburg, Pa.*  
 Hartmann, G. Margaret, *Trenton 8, N. J.*  
 Harttranft, Mary Alice, *Bellefonte, Pa.*  
 Hawbecker, Paul L., *Camp Hill, Pa.*  
 Hays, James T., Jr., *Emmitsburg, Md.*  
 Henderson, John J., *Youngwood, Pa.*  
 Hepfer, John W., *Waynesboro, Pa.*  
 Hess, Russell B., *Havertown, Pa.*  
 Hetrick, Louis H., *Baltimore 14, Md.*  
 Hinken, Henrietta, *Mars Hills, N. C.*  
 Hislop, Barbara, *Lynbrook, N. Y.*  
 Hollaway, Charles B., *Gettysburg, Pa.*  
 Holler, Richard L., *Mechanicsburg, Pa.*  
 Houser, John H., *York, Pa.*  
 Howells, Donald L., *New Kensington, Pa.*  
 Hughes, James D., *Westminster, Md.*  
 Hunsberger, Susan B., *Collegeville, Pa.*  
 Hunter, Wade D., *Evansville 14, Ind.*  
 Hutchinson, David, *Ardmore, Pa.*

James, Robert W., *Hanover, Pa.*  
 Jennings, Luther K., *Berlin, N. J.*  
 Jiros, John H., *Harrisburg, Pa.*  
 John, Thomas, *Camden, N. J.*

Kabot, Frank J., *Warren, Pa.*  
 Kassouf, Joseph, *West New York, N. J.*  
 Kauffman, Douglas M., *Fayetteville, Pa.*  
 Kaylor, Richard, *Harrisburg, Pa.*  
 Keech, Charles A., *Tork, Pa.*  
 Keech, Roger, *Blue Ridge Summit, Pa.*  
 Kendall, J. Richard, III, *Wilmington, Del.*  
 Kennedy, Clyde L., *York Springs, Pa.*  
 Kerr, John B., *Clearfield, Pa.*  
 Kerrigan, Thomas, *Philadelphia 44, Pa.*  
 Kim, Richard, *Mt. Hermon, Mass.*  
 Kitzmiller, Ethel W., *New Oxford, Pa.*  
 Klepser, John M., Jr., *Holidaysburg, Pa.*  
 Kline, John B., *New Stanton, Pa.*  
 Klinefelter, Hylda C., *Gettysburg, Pa.*  
 Knapp, James, Jr., *Wyncote, Pa.*  
 Knauss, Bruce M. J., *Emmaus, Pa.*  
 Knecht, Janet N., *Tower City, Pa.*  
 Knopf, Arthur, *Yonkers, N. Y.*  
 Kretschmann, James F., *Lynbrook, N. Y.*  
 Kriebel, Alvin C., Jr., *Carlisle, Pa.*  
 Krokus, John C., *Brooklyn 9, N. Y.*  
 Kromer, Helen M., *Worthington, Pa.*  
 Kuhn, Jack C., *Easton, Pa.*  
 Kushner, Arturo, *Mexico, D. F.*

Lackey, Barbara, *Ocean City, N. J.*  
 Lady, Norman K., *Biglerville, Pa.*  
 Laird, Robert M., *Hanover, Pa.*  
 Lafean, John W., *Hanover, Pa.*  
 Leadbetter, Philip P., *Cape Cod, Mass.*  
 Leib, Ronald Jay, *Hanover, Pa.*  
 Leidy, John C., *Abington, Pa.*  
 Leshner, Frederick C., *Hagerstown, Md.*  
 Lins, Lillian E., *Bedford, Pa.*  
 Lippincott, Scott W., *Haddon Heights, N. J.*  
 Locke, Brewster L., *Washington, D. C.*  
 Logan, John D., *Boiling Springs, Pa.*  
 Lotz, Genevieve M., *Zelienople, Pa.*  
 Love, Joseph M., *Lonaconing, Md.*  
 Lovell, John R., II, *Honolulu, Hawaii*

McClure, Hunter C., *Gettysburg, Pa.*  
 McGuire, Phillip E., Jr., *Gettysburg, Pa.*  
 McKenney, Janet E., *Gettysburg, Pa.*  
 McKinney, Edwin S., *Philadelphia 19, Pa.*  
 McNulty, Leighton E., Jr., *Carlisle, Pa.*  
 McShane, Donald, *Baltimore, Md.*  
 MacNeille, Robert A., *Bayonne, N. J.*  
 MacDonald, James, *Westminster, Md.*  
 Malin, Thomas, M., *Tork, Pa.*  
 Manning, Richard E., *Baltimore 6, Md.*  
 Marks, William F., *Danville, Pa.*  
 Mathias, Richard E., *Waynesboro, Pa.*  
 Mayes, Donald S., *Burnham, Pa.*  
 Meneses, Oscar W., *Yeadon, Pa.*  
 Meyers, Karl M., *Hanover, Pa.*  
 Miles, Wyndhan D., *Camden, N. J.*  
 Morris, D. Phillip, *Chestnut Hill, Pa.*  
 Morse, Alfred, *Bloomfield, N. J.*  
 Morse, Emily, *Marlboro, Mass.*  
 Mountford, Harold E., *Tork, Pa.*  
 Muhlbach, Allan C., *Baltimore 10, Md.*  
 Mulvihill, John, *Merchantville, N. J.*

Mumper, Edith C., *Marion, Va.*  
 Murphy, Robert M., *Montclair, N. J.*

Neighbours, Helen L., *Emmitsburg, Md.*  
 Newell, Harold E., *Hagerstown, Md.*  
 Nickey, David A., *Scranton, Pa.*  
 Nucho, Fuad N., *El-Husn, Jordan*

Onufrak, Michael, *Berwick, Pa.*  
 Oyler, Charles P., *Gettysburg, Pa.*  
 Oyler, Eugene M., *Fayetteville, Pa.*

Padjen, Steve, *Hanover, Pa.*  
 Parks, James A., *Philadelphia, Pa.*  
 Patterson, John N., *Harrisburg, Pa.*  
 Patterson, Joseph N., *Harrisburg, Pa.*  
 Peery, James G., *Westfield, N. J.*  
 Peterman, Parker C., *Lemoyne, Pa.*  
 Potter, Robert E., *Philadelphia, Pa.*  
 Procacci, William, *Camden, N. J.*

Quider, Robert F., *Philadelphia, Pa.*

Raphael, Bernard Otto, *W. Englewood, N. J.*  
 Raycroft, Ruth E., *Elysburg, Pa.*  
 Reaver, Mildred K., *Gettysburg, Pa.*  
 Reeves, Donal C., *Larchmont, N. Y.*  
 Reighard, Dale, *Bedford, Pa.*  
 Reinhart, Edith P., *Gettysburg, Pa.*  
 Restaine, Norman C., *Pittsburgh, Pa.*  
 Reynolds, Harry A., *Mt. Holly, N. J.*  
 Rhoads, Joyce E., *Blue Ridge Summit, Pa.*  
 Riccardi, Dominic J., *Tork, Pa.*  
 Rinehart, Frances L., *Waynesboro, Pa.*  
 Ringer, Harold R., *Somerset, Pa.*  
 Robinson, Milton O., Jr., *Tork, Pa.*  
 Rogers, Louis V., *Wilmington, Del.*  
 Rose, Kenneth, *Bryn Athyn, Pa.*  
 Rosenberry, Creston J., *Chambersburg, Pa.*  
 Rossetti, Vincent, *Baltimore, Md.*  
 Rovinski, Walter Michael, *Harrison, N. J.*  
 Ruggiero, Lucille D., *Bangor, Pa.*  
 Runk, Paul W., Jr., *Tork, Pa.*

Sauble, George R., Jr., *McKnightstown, Pa.*  
 Schellhase, John, *Upper Darby, Pa.*  
 Schwabenland, Carl, *Philadelphia, Pa.*  
 Schweizer, Robert, *Merchantville 8, N. J.*  
 Segraves, William G., *New Oxford, Pa.*  
 Seiders, Reed E., *Gettysburg, Pa.*  
 Shaner, James, *Hanover, Pa.*  
 Sharo, Edwin P., *Gettysburg, Pa.*  
 Sheetz, Alvin C., *Baltimore 19, Md.*  
 Shintaku, Donald Shoichi, *Pahala, Hawaii*  
 Shoemaker, Norville E., *Red Lion, Pa.*  
 Shoop, John W., *Gettysburg, Pa.*  
 Shotwell, Raymond L., *Lumberton, N. J.*  
 Slifer, Willard F., Jr., *Hagerstown, Md.*  
 Slothower, Barbara M., *Harrisburg, Pa.*  
 Small, Richard E., *Tork, Pa.*  
 Smith, Adella M., *Chambersburg, Pa.*  
 Smith, Peter C., *Andover, Mass.*  
 Smith, Todd M., *Johnstown, Pa.*  
 Synder, Richard N., *Tork, Penna.*  
 Spangler, Leonard, *Margate, N. J.*  
 Sohnleiner, John R., *Tork, Pa.*  
 Sperry, William H., *Gettysburg, Pa.*  
 Stanley, C. Willard, *Blue Ridge Summit, Pa.*

Stauderman, Edward F., Jr., *Mount Vernon, N. Y.*  
 Stevenson, Joseph W., *Frederick, Md.*  
 Stickell, Ellen R., *Waynesboro, Pa.*  
 Stiles, Albert C., *Moorestown, N. J.*  
 Stock, Alice J., *New Oxford, Pa.*  
 Stock, Henry J., *New Oxford, Pa.*  
 Stolsits, Frank L., *Northampton, Pa.*  
 Strine, Conrad H. M., *York, Pa.*  
 Stuart, Josephine C., *Gettysburg, Pa.*  
 Stuart, Marilyn J., *Kingston, R. I.*  
 Svitzer, Jack K., *Gettysburg, Pa.*  
 Swisher, Rose Marie, *Gettysburg, Pa.*

Taylor, Paul E., *Warren, O.*  
 Tesno, Harold, *Ashland, Pa.*  
 Thieme, Norman E., *York, Pa.*  
 Thomas, Richard Davis, *Collingdale, Pa.*  
 Thomas, Robert E., *Hanover, Pa.*  
 Thomas, Robert K., *Chambersburg, Pa.*  
 Thompson, Lyman L., *Roselle Park, N. J.*  
 Toff, Maurice L., *Wilkes Barre, Pa.*  
 Tome, Mark S., *Hanover, Pa.*  
 Triller, William E., *Pearl River, N. Y.*  
 Troxell, William E., *Gettysburg, Pa.*

Vetter, Ernest W., *Baltimore 15, Md.*

Wagener, Byron A., *Merchantville, N. J.*  
 Walker, Robert C., *West Englewood, N. J.*  
 Wallace, Arthur P., Jr., *Paoli, Pa.*  
 Watkins, Palmer R., *Oxford, Pa.*  
 Weaver, Edwin, *Mahwah, N. J.*  
 Weigand, George B., Jr., *Palmyra, N. J.*  
 Weikert, Millard L., *Hanover, Pa.*  
 Welker, Lawrence E., *Lavelle, Pa.*  
 Wells, Samuel R., Jr., *Hagerstown, Md.*  
 Wentzel, Alton A., Jr., *Carlisle, Pa.*  
 White, Harvey M., Jr., *Gettysburg, Pa.*  
 White, Robert M., *Norristown, Pa.*  
 White, William J., *Wilmington, Del.*  
 Whitmire, Kenneth F., *Upper Darby, Pa.*  
 Whileman, Russell B., Jr., *Harrisburg, Pa.*  
 Williams, Donald D., *Hanover, Pa.*  
 Wilt, Joan C., *Littlestown, Pa.*  
 Witz, Albert A., *Audubon 6, N. J.*  
 Wohlfarth, Bettie J., *Harrisburg, Pa.*  
 Wright, Frederick, *Hanover, Pa.*

Young, Dwight I., *York, Pa.*

## Students Entering January 31, 1951

### Too Late to Be Entered in the Class Lists of this Bulletin

Altomose, Richard L., *Gettysburg, Pa.*  
 Audrins, Arija, *Baltimore, Md.*

Baker, Henry V., *Brooklyn, N. Y.*  
 Bernstorff, Allen, *Teaneck, N. J.*  
 Bohen, Sheldon J., *Brooklyn, N. Y.*  
 Brown, George S., *Harrisburg, Pa.*

Constanton, Stanley, *Teaneck, N. J.*

Dahl, Norman F., Jr., *Brooklyn, 9, N. Y.*  
 Dudley, John H., Jr., *Pitman, N. J.*

Florio, Matthew J., *Union City, N. J.*  
 Floto, Eugene R., *Connellsville, Pa.*  
 Foster, Robert H., *Ashtabula, O.*

Gerard, Reed C., *New York, 3, N. Y.*

Hawk, Shirley M., *Littlestown, Pa.*  
 Heacox, George W., *Homestead, Pa.*  
 Horn, Richard H., *York, Pa.*

Kauffman, Robert L., *Altoona, Pa.*  
 Keyte, Edward L., Jr., *Phila., 38, Pa.*

McGaughy, Hugh A., *Wyomissing, Pa.*

May, Herbert G., *East Freedom, Pa.*  
 Miller, George A., Jr., *Gettysburg, Pa.*  
 Morris, D. Phillip, *Chestnut Hill, Pa.*  
 Morrow, William, Jr., *Sommers Point, N. J.*  
 Murphy, Roland W., *Rockford, Ill.*  
 Myers, Nelson K., Jr., *Lancaster, Pa.*

Pannell, Allen B., *Wortendyke, N. J.*  
 Peery, Robert J., *Westfield, N. J.*  
 Pillote, Robert L., *Washington, D. C.*

Riccardi, Dominic J., *York, Pa.*  
 Richter, Raoul C., *Hanover, Pa.*  
 Riley, Joseph A., Jr., *Phila., 21, Pa.*  
 Roberto, Robert, *Long Branch, N. J.*

Seipel, Harry R., *Easton, Pa.*  
 Serfass, Elaine C., *Palmerton, Pa.*  
 Sinn, Thomas, *Baltimore, 15, Md.*  
 Schreiber, John J., *Phila., 11, Pa.*  
 Spangler, Clyde H., *New Oxford, Pa.*  
 Stauffer, Edwin P., Jr., *Cheltenham, Pa.*

Wehler, Dorothy, *New Oxford, Pa.*  
 Weisser, Frederick G., Jr., *Great Neck, N. Y.*  
 Williams, John E., *Pittsburgh, Pa.*

## Students Not Candidates for a Degree

JEAN UNGER ARENTZ  
 JAY PAUL BROWN  
 JOHN LEWIS COLEMAN  
 MARILENE HELGA FRANKL  
 ALBERT HUMPHRIES  
 HOLLIS L. MULLER

*Post Graduate Students 1950-51*

JOHN KENLY CARR  
 GERARD ANDREW DVORSKY  
 RALPH L. ECKENRODE  
 JUAN MIGUEL GONZALEZ  
 WILLIAM FRANKLIN GREEN  
 HELEN ISABELLE LAW  
 VERNON HARRY MICKLEY  
 JOHN LEVAN MILLARD  
 RICHARD NORMAN SNYDER

*Summary**Students in College First Semester 1950-51*

	MEN	WOMEN	TOTAL
Seniors	248	31	279
Juniors	225	43	268
Sophomores	252	60	312
Freshmen	244	112	356
Specials	13	3	16
	<u>982</u>	<u>249</u>	<u>1231</u>

*Geographical Distribution of Students*

STATE	STUDENTS	STATE	STUDENTS
Pennsylvania	764	Argentina	1
New Jersey	220	Canal Zone	1
New York	97	Florida	1
Maryland	88	Indiana	1
Washington, D. C.	13	Iran	1
Massachusetts	10	Kansas	1
Connecticut	6	Mexico	1
Delaware	5	Nebraska	1
Ohio	4	Netherlands West Indies	1
Virginia	3	North Carolina	1
West Virginia	3	South Carolina	1
California	2	Vermont	1
Hawaii	2	Total	<u>1231</u>
Illinois	2		

# Commencement 1950

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June 5

*Commencement Speaker*

THE HONORABLE JOSEPH CHARLES ROVENSKY, LL.D.

*Bachelor of Arts*

- |                              |                                     |
|------------------------------|-------------------------------------|
| James Lewis Abbott           | **Richard Eugene Canouse            |
| Howard Robert Adams          | **Willard Henry Carpenter           |
| Peter Rankin Adamson         | John Kenley Carr                    |
| Gilbert Nairn Aitken         | Francis Wells Carroll               |
| William John Albright, III   | *Wendell Eugene Cass                |
| John Chalmers Allan, Jr.     | Paul Elmer Clouser                  |
| Richard Reaser Allshouse     | Rupert Boone Clyborne, Jr.          |
| John Benjamin Apple          | John Henry Cocklin                  |
| **Charles Emerson Attig      | *Raymond Jacob Coleman              |
| John Criley Bair             | **Joyce Corinne Combs ✓             |
| Lewis Blair Barthels         | *Louis Kessler Combs, Jr.           |
| Percival Joseph Paul Bell    | John Lewis Conrad, Jr.              |
| *Frederick William Bernstine | Edward Dale Cook                    |
| **George Chandler Bingham    | William Read Copeland               |
| John Wayne Blackman          | Charles Robert Court                |
| Barker Shaw Blauvelt         | Nathaniel Neiman Craley, Jr.        |
| Robert Alvin Bley            | Ann Frances Creutzburg              |
| James Patrick Born           | George William Cromer, Jr. ✓        |
| *John Bortner                | Charles Edmund Curley, Jr.          |
| *Carroll Lee Boyer           | Edward Czyzewicz                    |
| Eugene Daniel Boyer          | John Samuel Davies                  |
| Robert Henry Boyer           | James Gerald Davis                  |
| Rodney Milton Briggs         | John Mostyn Davis, Jr.              |
| Robert Ivan Brough           | Morgan Charles Davis                |
| *Sherwood Parsons Brown      | *Samuel Charles Deitrick            |
| *William Thomas Joseph Brown | **Alexander Pennington Denmead, Jr. |
| Anne Umble Brubaker ✓        | William Edwin Derrick, Jr.          |
| Bertram Edward Buller        | John Edwin DeVoto, Sr.              |
| Carl Ralph Burkel            | Bernard Frank DiAngelo              |
| George David Bushman         | Luther Loy Dietrich, Jr.            |
| Fraser Keith Cameron         | Betty Lou Dinger ✓                  |
| John Howard Candioto         | *Thomas Elliot Diviney              |

\*Completed requirements September 3, 1949

\*\*Completed requirements January 27, 1950

- Donald Briscoe Dixon  
Robert Edward Dowd  
\*\*James Joseph Dragani  
Walter Roy Dumeyer  
Richard Wharton Dutrey  
\*Howard Bruce Dutton  
Gerard Andrew Dvorsky  
Sidney Strine Ehrhart  
Philip Charles Eisenhart  
William Edward Eisenhart  
William Kenneth Elliott  
Douglas Lloyd Ensminger  
\*Joseph Edward Erb  
James Robert Etsweiler  
George Lester Eveler, Jr.  
Christa Marie Ewaldsen ✓  
\*Warren Orndorff Eyster  
George Calvin Fair  
Arthur Horace Farnham  
Samuel Denton Faust  
Charles Franklin Fegely  
Mildred Ann Fellenbaum  
Robert Ritter Fickes  
\*John Riker Finch  
David Nestor Finney, Jr.  
\*Gaylord Harold Fissel  
William Bertram Flaherty  
Richard Haupt Foltz  
Ruth Emma Fortenbaugh  
\*\*Barbara Ware Foulkrod  
\*William McClellan Gain  
Rocco Joseph Gambacorta  
Philip LeRoy Garrett  
Charles Edward Gaul  
Christine Geiman ✓  
William Jerry Geiselman  
Charles Alton Gentzler  
\*Harry Nelson Gibble  
\*Thomas Burton Gibble  
Dorothy Jane Gilbert  
John Joseph Gilligan  
William Henry Gladfelter  
\*Martin Patrick Glynn, III  
\*Jean Schubert Good  
George Eugene Gorman  
William Franklin Gotwald  
William Franklin Green  
Carl Heim Greenawald  
Gordon Kay Grigsby  
\*Frederick Philip Haehnlen, Jr.  
\*James Lemuel Hair  
\*\*Charles Edward Hall  
\*James Nevin Hall  
Paul Grayson Haller  
Thomas Allen Hamilton  
Loverah Jeanne Hankins  
Walter Francis Harris  
Leslie Montgomery Hartman  
\*Thelma Joyce Heaton  
Geary Price Heermann  
Joseph William Heidler, Jr.  
\*John Stewart Heilman, Jr.  
Gene West Heindel  
James Richard Heintzelman  
\*William Newlin Hewson  
John Mortimer Hock  
Chester J. Hoke, Jr.  
Donald Wilson Hollway  
\*\*Alfred William Hopkin  
\*\*William Edwin Horner  
Richard Monroe Houck  
\*\*Charles Webster Houseworth  
Kenneth Howard Houtz  
William Earl Houtz  
Wilbur Richard W. Hubley  
\*Robert Myron Hunter  
\*Thomas Hunter, IV  
Elwood Ellis Huntzinger  
Edward Julius Jankowsky  
\*Allan Eden Jennings  
Robert Kenneth Johnson  
William John Johnson  
Gordon Harold Jones  
Robert Edward Juditz  
Paul Frederick Kase  
Bobby Earl Kauffman  
Richard Leon Keiser  
Russell Ray Kerns  
Bernard Ralph Kettler  
Laurence Hershey King  
James Kohler Kipp, III  
Walter Robert Kirker  
William Ellsworth Kline  
Dale Guy Knouse

\*Completed requirements September 3, 1949

\*\*Completed requirements January 27, 1950

\*\*Michael John Kormanski  
 \*Gerald Eugene Krout  
 Stuart Staudt Kulp  
 Earl Kutz, Jr.  
 \*\*John Allen Landis, Jr.  
 John Calvin Lang, III  
 \*Bertram Lionel Larkin  
 \*\*Allen Alexander Larson  
 \*Robert Thomas Laur  
 Edward Andrew Leaman  
 John David Leaman  
 Joe Herbert Leckrone  
 John Alfred Leeti  
 Elwood Harold Leister  
 \*Raymond Llewellyn Lewis  
 David Oliver Lillich, Jr.  
 Theodore Lindquist, Jr.  
 Charles Lewis Lodwick  
 William James Lollich  
 James Earl Long  
 \*\*James Keats Long  
 Elizabeth Ann Lott  
 Sandra Pearl Luhrs  
 Charles Johnson Lundquist  
 Robert Gamble McCausland  
 \*Milton Charles McClain  
 Larry Stewart McClung  
 \*\*Graham Edward McCutcheon  
 John Laird McKay, Jr.  
 David Loomis McMorris  
 \*\*John Raphael McNally  
 Eugene Robbins McVicker  
 \*Donald Zinn Mann  
 \*\*Clarence Beck Markel  
 Joseph Dolby Mathieu  
 \*Richard Gohl Meckley  
 Carl Theodore Mellin, Jr.  
 Lillian Hoke Mickley  
 Charles Kitzmiller Miller, Jr.  
 David Treat Miller  
 Granville Funt Miller  
 John Nelson Miller  
 John Milner, Jr.  
 \*\*Merle Eugene Mittel  
 \*\*Warner Howard Moore  
 William Samuel Moore  
 John Beaver Morgan

Joseph William Chilton Morgan, Jr.  
 \*Walter Clark Morse  
 \*Herman Chester Morter  
 \*\*Robert Fox Mowbray  
 Robert Harold Mowers  
 \*John Edward Muhlbach  
 Donald Earl Mulford  
 Millard Milton Muntz  
 Charles Albert Musselman  
 \*Sebastian David Natale  
 Faye Elizabeth Nebinger  
 Charles Oliver Needham  
 \*George Edward Nein, Jr.  
 Marlet Clay Ness, Jr.  
 Harry Walter Neubert  
 Anderson O'Day  
 \*\*William Robert Ogden  
 \*Stewart Stanley Olewiler, Jr.  
 \*Arthur Cullen Olsen  
 Jess D. Otley, Jr.  
 Richard Morrel Ott  
 John Clarence Palmer  
 Max Hughes Palmer  
 \*\*Martin Thomas Pavelic  
 Harry Calvin Pebley  
 Theodore Parker Peck  
 \*Ralph Russel Peery  
 \*Donald Christian Pentz  
 \*\*Nathaniel Allan Petit, Jr.  
 Betty Ann Phleger  
 Paul Charles Plastino, Sr.  
 Robert Bedford Pogue, Jr.  
 William Miles Pownall  
 Morrie Raymond Prickett  
 Harry Pure  
 Norman Carl Rasmussen  
 \*William Richard Reed  
 Allison Reese  
 \*Charles William Reider  
 Robert Paul Reynold  
 \*Richard Nixon Rice  
 Edward James Richter  
 Donald Louis Riden  
 Russel Kenneth Riegel  
 Richard Clay Rinehart  
 Robert Frederick Ritterhoff  
 Ralph Edward Rock

\*Completed requirements September 3, 1949

\*\*Completed requirements January 27, 1950

- Richard Eugene Romberger  
 \*\*Jean Marie Rost  
 \*\*Harry Frederick Rote, Jr.  
   Alvin Stewart Rudisill  
   Allen Robert Rudolph  
   James Edgar Rumberger  
   Ross Hubert Sachs  
   Alfred Twells Sanderson  
   William Charles Sankey, Jr.  
   Donald Wayne Sanner  
   Richard Henry Sassman  
   Robert Sherman Schaeffer  
 \*Mary Elizabeth Schaff  
   Richard Reese Schantz  
   Louis Kossuth Scheffer, Jr.  
   Theodore Calvin Schlack  
   Harry Wilson Schlegelmilch  
   John Frederick Schwartz  
 \*Dale Severtson  
   Robert Emory Sheads, Jr.  
   Frank Herbert Shimer, Jr.  
   Deane Sherwood Shively  
   Ruth Elizabeth Shoemaker  
   James Lee Shrout  
   Donald Cloyd Simonton  
   Robert Miller Singer  
   Earl Humphreys Smith  
 \*Luther Augustus Smith  
   Robert Longyear Smith  
   Thornton Gardner Smith  
   Alden Lowell Snyder  
   William Landis Snyder  
   William Richard Snyder  
   Launcelot Espy Soult, Jr.  
   William Hartley Sperry  
   Wesley Ray Stancombe  
   James Kenny Stock  
 \*\*Charles Keeney Stouffer  
 \*\*Alfred Mathias Strang  
   Edward Straub, Jr.  
   Curtis Bernard Strausbaugh  
   Louise Jeannette Strickler  
   Luther Thomas Stroup  
 \*\*Claude Peter Swartzbaugh  
 \*\*Stephen Pilkay Swartzbaugh  
 \*\*Maris Harvey Taylor  
   James Herring Teeter
- \*\*Frances Dorothy Teran  
   Ferdinand Gustave Thoma, III  
   Charles Wesley Thompson, Jr.  
   Frank Thompson, Jr.  
   Harriet Anne Thompson  
   William Thomson  
 \*George Herbert Thrush, III  
 \*George Stanton Trostle  
 \*Robert Friedly Unger  
 \*\*John Light Urich  
   Eugene Frederick Utech  
   Marian Jean Vart  
   Charles Leslie Venable  
 \*Jack Harold Viets  
 \*\*Eugene Paul Villaume  
 \*Frederick George Villaume  
 \*Eugene Frederick Wagner  
 \*John Eugene Walheim  
 \*Kenneth D. Walker, Jr.  
   Philip Hollinger Waltersdorf  
   John William Warehime  
   Mary Elizabeth Warner  
   James Richard Watson  
 \*\*James Randall Way  
   William Harold Weaver  
   Donald Kenneth Weigle, Jr.  
   Warren Grove Weiser, Jr.  
   Marianne Wharton  
   Davis Thomas Whiteman, III  
   John Carroll Whiteman  
 \*Frank Charles Whitmore  
   Robert Leonard Wibberley  
   Natalie Elizabeth Wible  
   Richard Bauman Wieand  
   Richard Jay Williams  
   Tillman Beshore Williams  
 \*William Balsley Wilson  
   Harry Albert Wisotzkey, III  
 \*Jules Hahn Wolf  
   Albert Henry Wolfe, Jr.  
   David Stratton Woodruff, Jr.  
   Lawson Wright, Jr.  
   Dale Earl Yingst  
 \*\*John Yost, Jr.  
 \*\*Perry Edwin Young  
   Barbara Ann Ziegler

\*Completed requirements September 3, 1949

\*\*Completed requirements January 27, 1950

*Degrees with Distinction**Magna Cum Laude*

Richard Haupt Foltz  
 Gordon Kay Grigsby  
 Theodore August Lingquist, Jr.

Theodore Calvin Schlack  
 Robert Emory Sheads, Jr.  
 William Hartley Sperry

*Cum Laude*

Howard Robert Adams  
 Frederick William Bernstine  
 Robert Alvin Bley  
 Carroll Lee Boyer  
 Richard Eugene Canouse  
 Joseph Edward Erb  
 Barbara Ware Foulkrod  
 Dorothy Jane Gilbert  
 Leslie Montgomery Hartman  
 William Newlin Hewson  
 Elwood Ellis Huntzinger

Paul Frederick Kase  
 Richard Leon Keiser  
 Stuart Standt Kulp  
 Arthur Cullen Olsen  
 Donald Christian Pentz  
 Norman Carl Rasmussen  
 Harry Wilson Schlegelmilch  
 Wesley Ray Stancombe  
 Frederick George Villaume  
 Frank Charles Whitmore  
 David Stratton Woodruff, Jr.

*Valedictorian*

Theodore August Lindquist, Jr.

*Salutatorian*

William Hartley Sperry

*Highest Class Honors*

## SENIOR

Richard Haupt Foltz

Gordon Kay Grigsby

*Class Honors*

## SENIOR

Frederick William Bernstine  
 Carroll Lee Boyer  
 Joyce Corinne Combs  
 Joseph Edward Erb  
 William Franklin Green  
 Carl Heim Greenawald  
 Leslie Montgomery Hartman  
 James Richard Heintzelman  
 Paul Frederick Kase  
 Richard Leon Keiser  
 Stuart Standt Kulp  
 Theodore August Lindquist, Jr.

Harry Calvin Pebley  
 Norman Carl Rasmussen  
 Richard Reese Schantz  
 Theodore Calvin Schlack  
 Harry Wilson Schlegelmilch  
 Robert Emory Sheads, Jr.  
 Ruth Elizabeth Shoemaker  
 William Hartley Sperry  
 Marion Jean Vart  
 Charles Leslie Venable, Jr.  
 Donald Kenneth Weigle, Jr.  
 Frank Charles Whitmore

## JUNIOR

Stephen McClintock Ayres  
 Virginia Mae Decker  
 Rollin Ray Evelan  
 John Robert Galbraith  
 Louis John Hammann, III

John Arthur Larsen  
 Margaret Boyd McGuire  
 Douglas Gorr Martz  
 Henry Wisner Parlett  
 Eugene Weant Stambaugh

Alfred Kenneth White, Jr.

## SOPHOMORE

Robert Clarence Altland  
 Ruth Isabelle Ballantyne  
 Frank Henry Barranco  
 Phyllis Jane Cessna  
 Karl Danner Clouser  
 Phyllis Ann Coffman  
 Richard Brown Gibson  
 Wilbert Eugene Gladfelter

Marion Markle Jones  
 Richard Eugene Manning  
 Marguerity Jane Mickley  
 Carey Armstrong Moore, Jr.  
 Robert Roy Schweizer  
 Lee Elwood Snook  
 James Irving Tarman  
 Paul Edson Taylor

Stewart Voorhies Veale

## FRESHMAN

Russell Donald Charles  
 Masatoshi Ogasawara

Albert Miller Stock  
 Rose Marie Swisher

Glenn Robert Weiland

### *Departmental Final Awards*

*In Biology*

Richard Eugene Canouse  
 David Stratton Woodruff, Jr.

*In Chemistry*

Elwood Ellis Huntzinger

*In Economics*

Donald Briscoe Dixon  
 Richard Haupt Foltz  
 Gordon Kay Grigsby  
 Robert Emory Sheads, Jr.  
 Thornton Gardner Smith

*In English*

Gordon Kay Grigsby

*In French*

Richard Eugene Canouse

*In History*

Richard Reese Schantz  
 William Hartley Sperry  
 Robert Leonard Wibberley

*In Mathematics*

Frederick William Bernstine  
 Donald Earl Mulford  
 Norman Carl Rasmussen  
 Ruth Elizabeth Shoemaker

*In Physics*

Norman Carl Rasmussen  
 Frank Charles Whitmore

*In Political Science*

Howard Bruce Dutton

*In Psychology*

Donald Kenneth Weigle, Jr.

*In Social Science*

Theodore August Lindquist, Jr.

### *Seniors Elected to Phi Beta Kappa*

Richard Haupt Foltz  
 \*Rudolph Wheeler Gleichman  
 Gordon Kay Grigsby  
 Elwood Ellis Huntzinger  
 Theodore Lindquist, Jr.  
 Richard Reese Schantz

Theodore Calvin Schlack  
 Robert Emory Sheads, Jr.  
 Ruth Elizabeth Shoemaker  
 William Hartley Sperry  
 Marion Jean Vart  
 Frederick George Villaume  
 Donald Kenneth Weigle, Jr.  
 Richard Jay Williams

\*Elected as of the Class of 1949

### *Seniors in Gettysburg Honor Society*

Charles Robert Court  
 Carl Heim Greenawald  
 Gordon Kay Grigsby  
 Leslie Montgomery Hartman  
 Elwood Harold Leister  
 Theodore Lindquist, Jr.

Edward James Richter  
 Allison Reese  
 Richard Reese Schantz  
 Theodore Calvin Schlack  
 Harry Wilson Schlegelmilch  
 Edward Straub, Jr.

### *Prizes*

#### *Baum Mathematical Prize*

Thalia Suzanne Tichenor

#### *With Honorable Mention*

Bransby Walter Bushey  
 Ruth Ann Goff

#### *Chi Omega Social Science Award*

Jean Marie Rost

#### *Beachem Award*

Ross Hubert Sachs

#### *Class of 1916 Prize*

Karl Danner Clouser

#### *With Honorable Mention*

Marion Markle Jones

#### *Delta Gamma Alumnae Association Award*

Virginia Alice Saul

#### *Delta Phi Alpha Prize*

Harold Rudolph Morgenfruh

#### *Garver Greek Prize*

Howard Woodrow Smith

#### *Garver Latin Prize*

Pauline Ann Dale  
 Anna Lorraine Hartman

#### *Hamme Award*

Roy Wade Ortel

#### *Hanson Award*

Norman Carl Rasmussen

#### *Hassler Latin Prize*

Louis John Hammann, III

#### *Military Memorial Prizes*

Robert Alvin Bley  
 Launcelot Espy Soult, Jr.

#### *Nicholas Bible Prize*

Alvin Stewart Rudisill

#### *Phi Sigma Iota Prize*

Edward Dale Cook  
 Richard Jay Williams

#### *With Honorable Mention*

Christa Marie Ewaldsen  
 Max Hughes Palmer

*Sceptical Chymists Prize*

Gerard Andrew Dvorsky  
John Mostyn Davis, Jr.

*Stine Chemistry Prize*

Stuart Staudt Kulp  
Elwood Ellis Huntzinger

*Zimmerman Senior Prize*

Gordon Kay Grigsby

*With Honorable Mention*

Robert Alvin Bley

*Muhlenberg Freshman Prize*

Frederick Harry Segner

*Honorary Degrees**Doctor of Divinity*

George Ira Melhorn, Jr.

Frank William Ruth

Samuel Evaristus Wicker

*Doctor of Pedagogy*

Franklin Warren Bingaman

*Doctor of Science in Business Administration*

Franklin Moore

*Doctor of Science*

Frank Thomas Cole

*Doctor of Laws*

Walter Consuelo Langsam

John Murdoch MacGregor

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# Gettysburg College Bulletin



CATALOG NUMBER

# Gettysburg College Bulletin

*Formerly Pennsylvania College  
Founded in 1832*

REGISTER FOR 1951 • 1952

ANNOUNCEMENT OF COURSES 1952 • 1953

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GETTYSBURG COLLEGE  
GETTYSBURG, PENNSYLVANIA

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## *Foreword*

---

Gettysburg College is dedicated to the task of developing Christian character.

Its students and faculty have been selected for the contribution they can make to this goal. The result is a small, independent, campus college providing a setting in which like-minded persons can develop habits of industry and integrity, cooperation and conscientiousness.

The community of interest fostered by cooperative pursuit of common goals is balanced by the awareness that there is desirable a world-wide community in which the ideals of the College may act as a leaven. Gettysburg College students are preparing to play their various roles in such a world by becoming acquainted with contemporary problems and attempts to solve them.

Character growth involves forming ideals and committing oneself to them; these ideals must be constantly criticized and corrected. The heart of the problem that confronts this small, Christian College is, therefore, the development in youth of moral integrity, disciplined intelligence, and creative appreciation.

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# CALENDAR FOR 1951, 1952, 1953

*Session days are indicated by bold-face type*

1951

## SEPTEMBER

S	M	T	W	T	F	S
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1952

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## NOVEMBER

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1953

## JANUARY

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## FEBRUARY

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## MARCH

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## APRIL

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## JUNE

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23	24	25	26	27	28	29
30	31					

# COLLEGE CALENDAR

1951-1952

1951	REGULAR SESSION
<i>September 17 to 20</i>	<i>Monday to Thursday, Orientation Week and Registration.</i>
<i>September 20</i>	<i>Thursday, Formal Opening Exercises.</i>
<i>September 21</i>	<i>Friday, 8:00 A.M., Beginning of classes.</i>
<i>November 21 to 26</i>	<i>Wednesday, Noon, to Monday, 8:00 A.M., Thanksgiving Recess.</i>
<i>December 15</i>	<i>Saturday, Noon, Beginning of Christmas Recess.</i>
1952	
<i>January 3</i>	<i>Thursday, 8:00 A.M., End of Christmas Recess.</i>
<i>January 21 to 31</i>	<i>Wednesday through Friday, Examinations.</i>
<i>February 4</i>	<i>Monday, Registration of New Students.</i>
<i>February 5</i>	<i>Tuesday, Beginning of Second Semester.</i>
<i>April 9</i>	<i>Wednesday, 8:00 A.M., Beginning of Easter Recess.</i>
<i>April 16</i>	<i>Wednesday, 8:00 A.M., End of Easter Recess.</i>
<i>May 13</i>	<i>Tuesday, Spring Registration.</i>
<i>May 19 to 29</i>	<i>Monday through Thursday, Examinations.</i>
<i>June 1</i>	<i>Sunday, Commencement Exercises.</i>
1952	SUMMER SESSION
<i>June 9</i>	<i>Monday, Registration. 9:00-12:00 A.M. Organization of classes 1:30-3:30 P.M.</i>
<i>June 10</i>	<i>Tuesday, Beginning of classes.</i>
<i>July 18</i>	<i>Friday, End of First Session.</i>
<i>July 21</i>	<i>Monday, Beginning of Second Session.</i>
<i>August 29</i>	<i>Friday, End of Second Session.</i>

# COLLEGE CALENDAR

1952-1953

1952

*September 15 to 18*

*September 18*

*September 19*

*September 24*

*October 25*

*November 1 and 2*

*November 26 to*

*December 1*

*December*

*December 17*

1953

*January 5*

*January 19 to 29*

*February 2*

*February 3*

*February 9 to 11*

*March 13 to 15*

*April 1*

*April 8*

*May 2 and 3*

*May 12*

*May 18 to 28*

*May 29*

*May 30*

*May 30*

*May 31*

*May 31*

## REGULAR SESSION

*Monday to Thursday, Orientation Week and Registration.*

*Thursday, Formal Opening Exercises.*

*Friday, 8:00 A.M., Beginning of classes.*

*Wednesday, College Communion.*

*Saturday, Alumni Homecoming.*

*Saturday and Sunday, Father's Day.*

*Wednesday, Noon, to Monday, 8:00 A.M., Thanksgiving Recess.*

*Mid-winter Meeting of Board of Trustees in Phila.*

*Wednesday, Noon, Beginning of Christmas Recess.*

*Monday, 8:00 A.M., End of Christmas Recess.*

*Monday through Thursday, Examinations.*

*Monday, Registration of New Students.*

*Tuesday, 8:00 A.M., Beginning of Second Semester.*

*Monday through Wednesday, Religion-in-Life Week.*

*Friday through Sunday, Interfraternity Week.*

*Wednesday, 8:00 A.M., Beginning of Easter Recess.*

*Wednesday, 8:00 A.M., End of Easter Recess.*

*Saturday and Sunday, Mother's Day.*

*Tuesday, Spring Registration.*

*Monday through Thursday, Examinations.*

*Friday, Alumni Council Dinner.*

*Saturday, Meeting of Board of Trustees, Gettysburg.*

*Saturday, Noon, Alumni Collation.*

*Sunday, 10:45 A.M. Baccalaureate Sermon.*

*Sunday, 2:30 P.M. Commencement Exercises.*

## *Board of Trustees*

---

<i>First Elected</i>		<i>Term Expires</i>
1923	HENRY W. A. HANSON, D.D., LL.D., Gettysburg	1957
1929	CHARLES M. A. STINE, PH.D., Sc.D., LL.D., Wilmington, Del.	1952
1932	JOHN H. BEERITS, Somerset	1955
1932	HARRY H. BEIDLEMAN, D.D., Hanover	1955
1932	AMOS E. TAYLOR, PH.D., Washington, D. C.	1953
1935	C. WILLIAM DUNCAN, Philadelphia	1953
1937	CLYDE E. GERBERICH, Mount Joy	1954
1937	HON. HIRAM H. KELLER, LL.D., Doylestown	1954
1939	EDWARD W. FURST, Swarthmore	1957
1939	WILLIAM J. MILLER, D.D., Philadelphia	1954
1939	HON. JOHN STANLEY RICE, Gettysburg	1956
1940	WILLIAM H. PATRICK, JR., * Philadelphia	1952
1941	RICHARD C. WETZEL, Reading	1953
1941	CHARLES B. MCCOLLOUGH, Detroit, Mich.	1953
1943	EDWARD EHLERS, Montclair, New Jersey	1955
1945	CLARENCE L. S. RABY, * Pd.D., Philadelphia	1954
1946	HORACE G. PORTS, * York	1953
1946	CLARENCE A. WILLS, Gettysburg	1952
1947	MRS. CHARLES W. BAKER, Duquesne	1954
1948	WILLIAM H. SANDLAS, Baltimore	1954
1948	CHESTER S. SIMONTON, York	1954
1949	PAUL R. SIEBER, M.D., Pittsburgh	1955
1949	L. RALPH TABOR, D.D., * Washington, D. C.	1955
1950	MRS. AUSTIN H. FELLENBAUM, * Lancaster	1956
1951	ARTHUR HENDLEY, * Baltimore, Md.	1957

\* Designated as Alumni Trustees, having been elected on nomination by the Alumni Association.

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*Vice Chairman*

JOHN S. RICE

*Assistant Secretary*

WILLIAM H. PATRICK, JR.

*Secretary*

GETTYSBURG NATIONAL BANK

*Treasurer*

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JOHN S. RICE, Vice Chairman

CHARLES B. MCCOLLOUGH

WILLIAM H. PATRICK JR., Secretary

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RICHARD C. WETZEL

AMOS E. TAYLOR

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EDWARD EHLERS

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CHARLES B. MCCOLLOUGH

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ARTHUR HENDLEY

CLYDE E. GERBERICH

L. RALPH TABOR

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MRS. CHARLES W. BAKER, Vice Chairman

JOHN H. BEERITS

CLYDE E. GERBERICH

HORACE G. PORTS

*Ex-Officio Members of All Committees*

PRESIDENT OF COLLEGE

CHAIRMAN, BOARD OF TRUSTEES

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3 Campus

*President*

A.B., A.M., *Roanoke College*; B.D., *Gettysburg Theological Seminary*; D.D., *Gettysburg College*; LL.D., *Bucknell University, Lafayette College, and Wittenberg College.*

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*President Elect*

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69 W. Lincoln Ave.

*Dean*

A.B., *Bethany College*; A.M., *University of Kansas*; Ph.D., *University of Wisconsin.*

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37 E. Lincoln Ave.

*Registrar and Dean of Admissions*

A.B., A.M., *Gettysburg College.*

DOROTHY G. LEE

HANSON Hall

*Dean of Women*

A.B., *Geneva College*; A.M., *Syracuse University.*

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10 York St.

*College Treasurer*

C. PAUL CESSNA

218 Baltimore St.

*Alumni Secretary*

A.B., A.M., *Gettysburg College.*

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4 W. Confederate Ave.

*Librarian*

A.B., A.M., *Columbia University.*

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262 E. Middle St.

*Guidance Counselor and Administrative Assistant*

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243 N. Washington St.

*Assistant Librarian*

A.B., *Wheaton College*; B.S., *Simmons College.*

JOHN SHELDON

222 Baltimore St.

*Assistant Librarian*

B.S., *Wilmington College*; B.S. L.S., *Western Reserve University.*

# *The Faculty 1951-1952*

---

- KARL J. GRIMM Baltimore, Md.  
*Professor of German, Emeritus*  
Ph.D., *The Johns Hopkins University*; LL.D., *Carthage College*.
- CHARLES F. SANDERS St. Petersburg, Fla.  
*Professor of Philosophy, Emeritus*  
A.B., A.M., *Gettysburg College*; D.D., *Lafayette College*.
- RICHARD A. ARMS 59 W. Lincoln Ave.  
*Alumni Professor of Mathematics and Director of Dramatics*  
A.B., *Ursinus College*; Ph.D., *University of Pennsylvania*.
- FRANK H. KRAMER 140 W. Broadway  
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A.B., *Gettysburg College*; A.M., Ph.D., *University of Pennsylvania*.
- JOHN B. ZINN 201 W. Broadway  
*Ockershausen Professor of Chemistry*  
B.S., *Gettysburg College*; Ph.D., *The Johns Hopkins University*.
- ROBERT FORTENBAUGH 150 W. Broadway  
*Adeline Sager Professor of History*  
A.B., *Gettysburg College*; Graduate, *Lutheran Theological Seminary, Gettysburg*; A.M., *Syracuse University*; Ph.D., *University of Pennsylvania*.
- CLAYTON E. BILHEIMER 109 W. Broadway  
*Professor of Physical Education*  
M.E., *Lehigh University*; A.M., *Columbia University*.
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*Amanda Rupert Strong Professor of English Bible*  
A.B., *Gettysburg College*; B.D., *Gettysburg Theological Seminary*; A.M., Ph.D., *American University*.
- ALBERT BACHMAN 325 N. Stratton St.  
*Professor of Romance Languages*  
Ph.D., *University of Zurich*; Agrégation, *University of Zurich*; Ph.D., *Columbia University*.

- JOHN G. GLENN 27 E. Lincoln Ave.  
*Pearson Professor of Latin*  
A.B., A.M., *Wesleyan University*; PH.D., *Princeton University*.
- GEORGE R. MILLER R. D. #2  
*Sahm Professor of Physics*  
B.S., M.S., *Gettysburg College*; PH.D., *University of Michigan*.
- EARL BOWEN 34 E. Lincoln Ave.  
*Dr. Charles H. Graff Professor of Biology*  
A.B., *Hendrix College*; A.M., PH.D., *Harvard University*.
- WILLIAM K. SUNDERMEYER 239 W. Lincoln Ave.  
*Professor of German*  
PH.D., *University of Goettingen*.
- WILLIAM FREDERICK SHAFFER 243 N. Washington St.  
*Franklin Professor of Greek*  
A.B., A.M., PH.D., *Princeton University*.
- NORMAN E. RICHARDSON, JR. 45 E. Lincoln Ave.  
*William Bittinger Professor of Philosophy*  
A.B., *Amherst College*; B.D., *Yale Divinity School*; PH.D., *Yale University*.
- KENNETH L. SMOKE 249 N. Washington St.  
*Professor of Psychology*  
A.B., A.M., PH.D., *Ohio State University*.
- GEORGE S. WARTHEN 35 W. Broadway  
*Graeff Professor of English*  
A.B., A.M., *University of Virginia*; A.M., *Harvard University*; PH.D., *The Johns Hopkins University*.
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*Professor of Music*  
A.B., *St. Olaf College*; M.S.M., *Union Theological Seminary*; B.D., *Gettysburg Theological Seminary*; A.M., *New York University*.
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*Professor of Economics and Political Science*  
A.B., A.M., LL.B., *University of Toronto*; PH.D., *University of Pennsylvania*.
- CAPT. CYRIL B. SPICER, INF., (RA) Highland Ave.  
*Professor of Military Science and Tactics*
- LT. COL. CHARLES E. FULTON 516 Baltimore St.  
*Professor of Air Science*  
B.S., *Akron University*.

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*Associate Professor of Economics*  
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*Associate Professor of English*  
 A.B., A.M., *University of Virginia*; A.M., *Harvard University*; PH.D., *University of Virginia.*
- C. ALLEN SLOAT** 129 W. Lincoln Ave.  
*Associate Professor of Chemistry*  
 B.S., *Gettysburg College*; A.M., *Haverford College*; PH.D., *Princeton University.*
- HENRY T. BREAM** 317 N. Stratton St.  
*Associate Professor of Physical Education*  
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- HAROLD M. MESSER** 516 Baltimore St.  
*Associate Professor of Biology*  
 PH.B., *Brown University*; A.M., *Columbia University.*
- FREDERICK C. AHRENS** Carlisle St. Extended  
*Associate Professor of German*  
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- HERBERT G. HAMME** 4 W. Confederate Ave.  
*Associate Professor of Romance Languages*  
 A.B., *Dickinson College*; A.M., *Gettysburg College.*
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*Associate Professor of Chemistry*  
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*Associate Professor of Education*  
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 B.S., M.S., *Gettysburg College.*
- HAROLD A. DUNKELBERGER** 512 Carlisle St.  
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- DOROTHY G. LEE** Hanson Hall  
*Assistant Professor of Education*  
 A.B., *Geneva College*; A.M., *Syracuse University.*

*John M. Wolfinger*  
ANGEL FRANCO

33 Queen St.

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JOSEPH K. WOLFINGER

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*William A. Stuart*  
HARRY FREDERICK BOLICH

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HEINZ LANGERHANS

R. D. #1, Orrtanna, Pa.

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CONWAY S. WILLIAMS

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GRACE C. KENNEY

243 N. Washington St.

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B.S., *New York University*; A.M., *Columbia University.*

~~\*WILLIAM A. STUART~~

*Assistant Professor of Sociology*  
B.S., A.M., *Harvard University.*

CHESTER JARVIS

Seven Stars, Pa.

*Assistant Professor of Political Science*  
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York Springs, Pa.

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LT. WILLIAM F. RICHARDS

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*Assistant Professor of Military Science and Tactics*

RICHARD SCHUBART

135 West Broadway

*Assistant Professor of Philosophy*  
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\* On leave of absence 1951-1952.

- PAUL R. BAIRD 38 E. Middle St.  
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- MAJOR FLOYD H. McKEAND, JR. 220 Baltimore St.  
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A.B., *Marshall College.*
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- LT. JOHN C. WILLIAMS 220 S. Stratton St.  
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A.B., *Pennsylvania State College.*
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A.B., *Gettysburg College.*
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- EDWARD K. STIPE Fairfield Rd.  
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*Instructor in Military Science*
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\* On leave of absence 1951-1952.

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*Instructor in Physical Education*  
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*Instructor in Music*  
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*Instructor in Political Science*  
A.B., A.M., University of Pennsylvania.
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- SFC. JOHN DEBORDE, JR. 150 N. Stratton St.  
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- SFC. IRA S. RION R. D. #3, Gettysburg, Pa.  
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 Mesique, Paris.
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*Westminster Choir College.*
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- EARL E. SCHROEDER York, Pa.  
*Assistant in Music*  
 A.B., River Forest Teachers College; Formerly a student at Peabody Conservatory,  
 American Conservatory, and Stern Conservatory, Berlin, Germany.
- R. Henry Ackley  
*Assistant in Music*  
 A.B., Western Maryland College; Peabody Conservatory.

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*Assistant to the President*

A.B., Gettysburg College; Graduate, Lutheran Theological Seminary, Gettysburg.

Campus

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B.S., Gettysburg College.

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*Secretary to the Dean of Women*

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A.B., Gettysburg College.

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### *Absences*

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WOLFE, DUCK, LEE, TILBERG

### *Appreciation Courses*

KRAMER, ARMS, LANGERHANS, MASON, SHAFFER, SUNDERMEYER

### *Bulletins*

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WOLFINGER

### *Chest Fund*

FORTENBAUGH

### *Class Schedules*

TILBERG, FULTON, JOHNSON, SLOAT, WOLFE, YOVICSIN, ZIEGLER

### *Commencement Programs*

SMOKE, BILHEIMER, BOLICH, BREAM, JOHNSON, KRAMER, WAGNILD,  
WARTHEN, ZIEGLER

### *Curriculum*

FORTENBAUGH, BACHMAN, BILHEIMER, GLENN, SMOKE, STOKES,  
TILBERG, WAGNILD, WARTHEN, ZINN

### *Discipline*

BOWEN, DUNKELBERGER, JOHNSON, LEE, TILBERG

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BERGER, GLATFELTER, HAMME, HARBAUGH, JARVIS, LEE, MESSER,  
TAYLOR, WEILAND, WILLIAMS, WOLFINGER, ZIEGLER

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ARMS, RICHARDSON, SUNDERMEYER, WOLFINGER

*Guidance*

RICHARDSON, DUCK, KRAMER, LEE, TILBERG, WOLFE

*Health*

BOWEN, BAKER, BILHEIMER, LEE, TILBERG

*Insurance—Hospitalization*

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*Music*

WAGNILD, BOLICH, SHAFFER, STIPE

*Pre-Medical*

TILBERG, BOWEN, MILLER, ZINN

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*Social Functions*

TILBERG, FRANCO, KRAMER, LEE, LUEBBE, SPICER

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*Subfreshman Activities*BILHEIMER, BREAM, CESSNA, JOHNSON, LEE, TILBERG, WAGNILD,  
WALTEMYER, WOLFE*Student-Faculty Committees**Activities*

FOOSE, JENNISON, EVELAN; MASON

*Class Activities*

HAMME, DRENNEN, CHARLES; RICHARDSON

*Campus Improvement*

FOOSE, ROWLAND, JENNISON, SCHWARZ; KRAMER, LARKIN

*Campus Recreation*

E. MILLER, EVELAN, BIRKLE, FULTON; HAMME, LUEBBE

*Curriculum*

STERRETT, KLOTER, EVELAN

*Customs and Traditions*

CODER, DOLSON, MASON, ROWLAND; STIPE, ZIEGLER

*Discipline*

SNOOK, CODER, BIRKLE, KEENER, FOOSE; BOWEN, DUNKELBERGER, JOHNSON, LEE, TILBERG

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*Student Chest Fund*

STERRETT, CODER, OBERKEHR, WHITAKER; FORTENBAUGH, GLATFELTER, LARKIN, LEE, ZIEGLER

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# *History of the College*

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Gettysburg College, like most of the older liberal arts colleges of the United States, was founded under church auspices. It is the oldest Lutheran college in America, its charter having been granted April 7, 1832. One of the primary objects of its founders was to prepare young men for admission to the theological seminary already established in Gettysburg. That purpose has never been forgotten; a number of the graduates of each year's class enter the ministry of the church. A majority of its faculty and students are Lutherans, but many are of other religious faiths.

The name of the College was originally "Pennsylvania College of Gettysburg." The name was changed in 1921 to "Gettysburg College."

In its earliest days, the College was housed in a single building, now used as a private residence, at the corner of Washington and High Streets. It received from the State a grant of \$18,000, but had no endowment. The first building erected on the present campus was Pennsylvania Hall, the "Old Dorm." The physical equipment of the College now includes twenty buildings, valued at more than \$2,000,000; the student enrollment has increased from sixty-three to twelve hundred; the original staff of five professors has grown to a faculty of about ninety; enrollment in the Women's Division is now two hundred sixty-two. During the past twenty years, the resources of the College have been increased by more than two million dollars in endowment and buildings. Among the buildings constructed within this period are the Library, the Breidenbaugh Science Hall, the Eddie Plank Memorial Gymnasium, Hanson Hall, and enlargement of Weidensall Hall and Brua Chapel. The area of the campus has been increased to one hundred acres.

The educational services and academic reputation of Gettysburg College have kept pace with its material progress. It is fully accredited by all the important agencies; since 1923 it has had a chapter of Phi Beta Kappa. The College has contributed to American society leaders in many occupations. A recent study of the list of its graduates showed the following occupational distribution: 1,599 clergymen and 51 missionaries of the Christian religion; 1,030 school teachers, 438 college teachers, and 58 college presidents; 408 lawyers and 17 judges; 564 physicians and 68 dentists; 208 engineers and 199 scientists; 1,625 business men, and more than 2,000 graduates in other unclassified occupations.

During the recent war, more than 1,600 alumni served in the armed forces, of whom upwards of seventy-five per cent were commissioned officers. The principal reason for its military distinction is that Gettysburg College has the oldest Reserve Officers' Training Corps unit in a private college. Since its establishment in 1916, the R.O.T.C. at Gettysburg, in addition to providing basic military training for some 2,000 men, has granted commissions to more than 400 graduates who have completed the advanced course. For two years of the war period, the College served as a preliminary training school for the Army Air Forces; nearly 2,000 young men completed the program and went on to higher training schools or directly into the service. To the R.O.T.C. course, which has been re-established upon a new basis, there has been added an air unit.

Gettysburg College is grateful for the opportunities that it has had to contribute to the leadership of the country in the past, and is ready to take up with confidence the responsibilities of the days to come.

# *Educational Objectives of Gettysburg College*

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One of the most important problems confronting the prospective student is the choice of a college where he will spend four of the most important years of his life.

Undergraduate education should, at all times, be considered as a course of preparation which will promote clean living and high thinking. A worthwhile college education should prepare one to meet the problems of life with courage, insight, and patience. At least four things are to be sought: *First*, the student should be introduced to a larger world. His college training should assist him in the realization of a framework for his own life which will challenge his best. *Second*, in the course of four years of self-exploration, a student should be able to find the area of service in which to spend his life. *Third*, a student should be introduced to the great characters and the great books that have contributed to our civilization ideas and ideals of real worth. In this comradeship he should himself be inspired to dedicate his life to creative achievement. *Fourth*, a student's preparation for life is adequate only if it includes spiritual elements.

Gettysburg College seeks to reach these objectives in its approach to the training of youth. It believes that Christian ideals must underlie all phases of the development of youth. Recognition of these objectives means that *development of character becomes the basic aim of our entire campus program.*

There are certain things which Gettysburg College regards as essential to a sound education:

- the habit of accurate observation;
- the building of standards of judgment and self-measurement;
- a comprehensive grasp of modern problems as related both to cultural and personal obligations;
- a basic understanding of the major principles that underlie success in the vocation of one's choice;
- power to participate understandingly and creatively in the life of one's community and country;
- sensitiveness in the appreciation of human values.

These things are fundamental in any life that seeks to find happiness and wide service in the world.

The achievement of a certain type of character has always been the distinct contribution of the small independent or church-related college. The purposes of Gettysburg College have always been reflected in its faculty and in its campus life. The limited enrollment and carefully selected faculty have been, for more than a hundred years, highly contributing factors.

A college campus needs much more than courses, classrooms, books, and adequate time, if it is to achieve its goal. It must foster the student's ability to work—both alone and with his fellow students. It must offer opportunity for students to put into actual practice some of the things which they have learned in the classroom. The extra-curricular activity program of Gettysburg College offers wide opportunities for the gaining of this practical experience. Fraternity and sorority life, varsity and intramural sports, work with various publications and dramatics, the organizing of social events, lectures and religious programs, requirements for regular physical exercise—all of these serve to supplement the classroom work by bringing student and student, student and teacher, together on an informal basis.

The college campus is not an isolated, self-sufficient community. Students come from their homes for a definite purpose. Students will return to their homes and communities. Gettysburg College, therefore, in all its actions and planning is conscious of its responsibility to these larger communities of town, state, nation, and world.

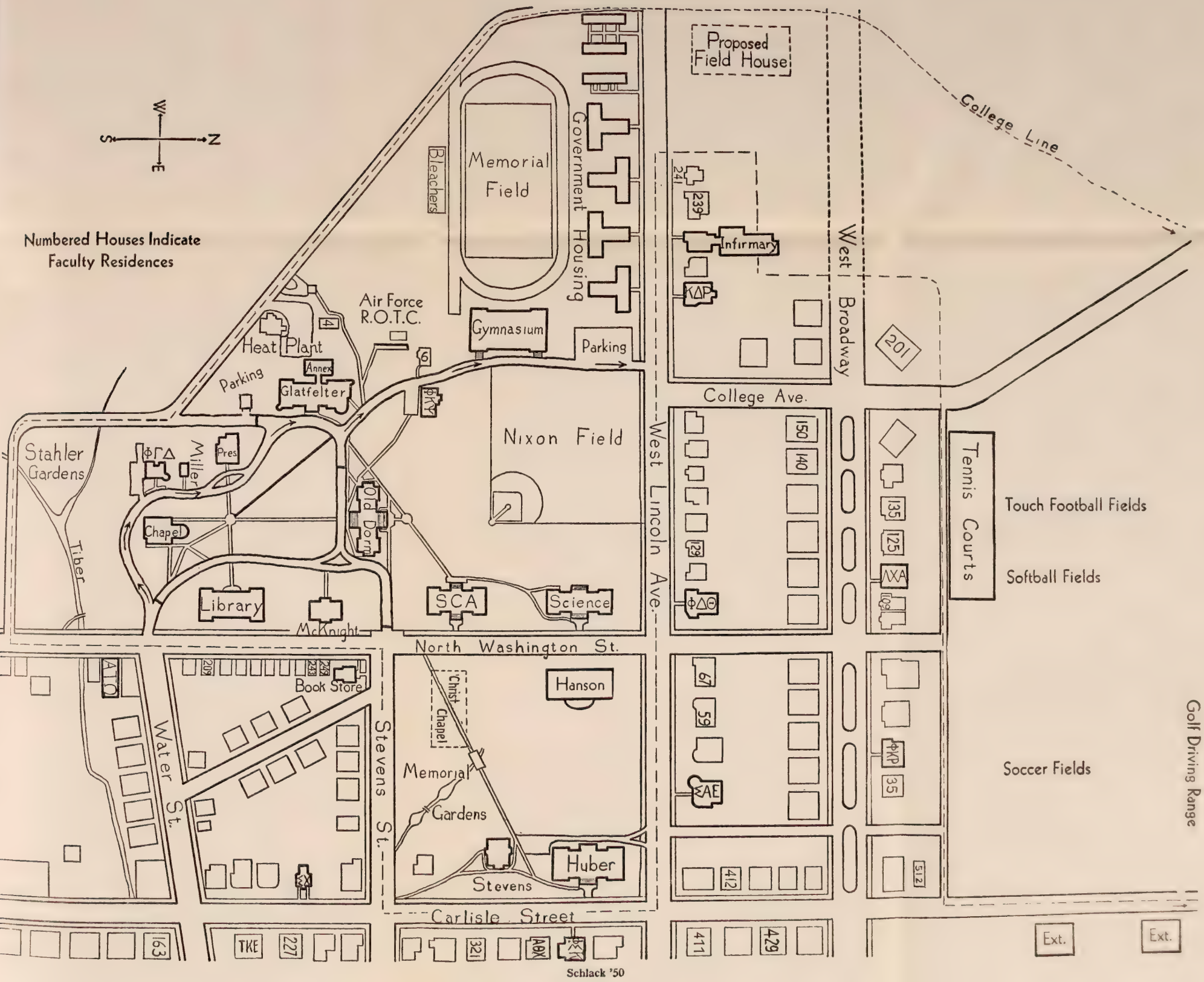
A college, after all, is not to be judged by the size of its buildings, the excellence of its faculty, the attractiveness of its campus. The products of the college can not be evaluated on Commencement Day when happy hands receive a diploma bearing the insignia of the institution. The final test of the value of an education is what becomes of its students when they have been called upon to meet the long, hard grind of the dusty highway—when they have confronted the problems of life, the disappointments, the headaches and heartaches. Are they able to carry on courageously and creatively?

Any education which does not prepare one to meet all of the issues of life and emerge from them with a stout heart and cheerful Christian outlook upon life is an education that falls short.

To a higher type of education, Gettysburg College faithfully dedicates its entire resources.



Numbered Houses Indicate  
Faculty Residences





## *Buildings and Facilities*

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THE LIBRARY contains about sixty thousand volumes, including essential reference works, and a serviceable collection of pamphlets, periodicals, and pictures. A number of valuable gifts of books have been received over the years, funds are available to meet the special needs of each department, and the general collection is being constantly increased.

The present building, Georgian in style, was opened to the students in the fall of 1929. It has a book capacity of one hundred thousand volumes and a seating capacity of three hundred readers. It contains reference and general reading rooms, seminar rooms, ample stack space, and accommodations for the library staff.

The Faculty has issued certain regulations governing the use of the library with which all readers are requested to comply.

GLATFELTER HALL, erected in 1888-'89 and named in honor of the late P. H. Glatfelter of Spring Grove, Pennsylvania, a former trustee, was extensively remodeled in 1929 by means of a generous gift from a friend of the College. Steel replaced much of the wood in the original structure, floors of cork tile over reinforced concrete were installed, and the corridors were refinished with wrought iron, terrazzo, and marble. The classrooms were equipped with new blackboards, bulletin boards, and movable chairs; rest rooms were provided; and new lighting and heating fixtures were installed. The building is fire-resistive throughout; and its interior presents a very modern appearance.

The first floor of Glatfelter Hall is occupied by the College Administration, the Office of Guidance, the Departments of Mathematics, Latin, German, and Psychology. The Departments of Bible, History, Philosophy, Greek, English, and Romance Languages have their offices and classrooms on the second floor. On the third are the Departments of Political Science and Economics, Education, and Biology. Classrooms of the Department of Military Science and Tactics are in the basement.

The Biological Laboratories, in Glatfelter Hall, are equipped with carefully selected materials and apparatus necessary for both the elementary and the advanced courses in the biological sciences. Three laboratories, a lecture room, a reading room, stock and preparation rooms, and the departmental office are located on the third floor. In the basement are two laboratories and a room adapted for storage and for the keeping of living plants and animals.

The reading room of the Biology Department is provided with current biological journals and essential reference works, to which additions are continually being made. This room is also used for the meetings of the Seminar and other small groups. The lecture room is provided with apparatus for the projection of opaque plates, films, and slides and for microprojection. Dark-room facilities are available in the Department.

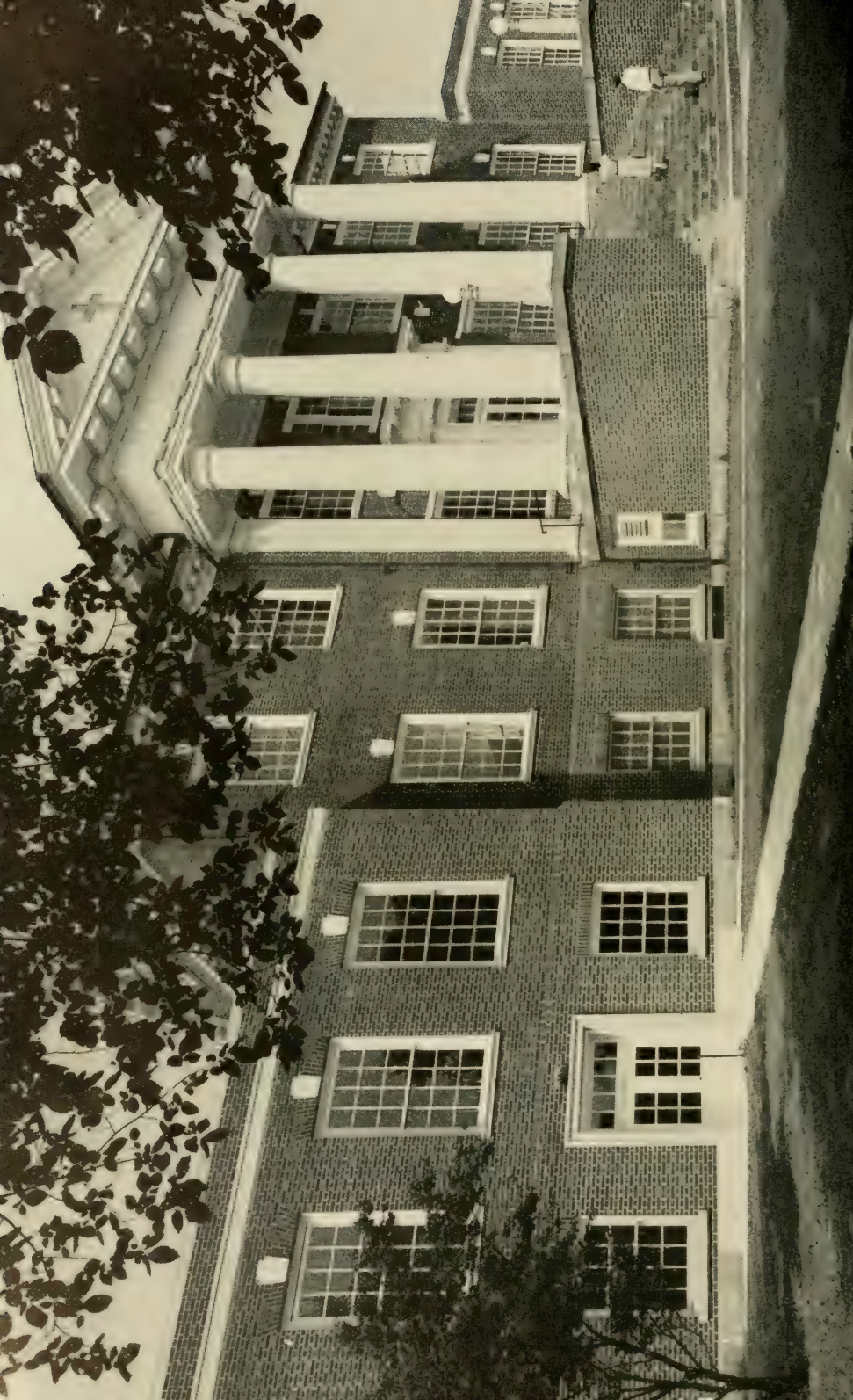
BREIDENBAUGH SCIENCE HALL, a large brick building of colonial design on North Washington Street, is occupied by the departments of Chemistry and Physics. The building was completed in 1927. It contains a well-lighted basement, two upper floors, and a large attic. The part of the building devoted to Chemistry consists of a large lecture room, three smaller classrooms, six laboratories, two offices, a reading room, a balance room, a preparation room, and storage space on all three floors. The part of the building devoted to Physics contains a large lecture room, four large laboratories, a photographic dark room, a photometer room, a store room, three apparatus rooms, a shop, and an office. The building and its equipment are well adapted to the teaching of fundamental Chemistry and Physics.

The Chemical Laboratories occupy the north and central portions of Breidenbaugh Science Hall. General, qualitative, quantitative, organic, and physical chemistry have large separate laboratories and stock rooms amply equipped with essential apparatus, supplies, and conveniences. There is special apparatus for organic and food analysis, chemical analysis of water, chemical microscopy, and glass blowing, and a dark room for polarimetry, spectroscopy, and photography.

The departmental library, also in Breidenbaugh Hall, contains over five hundred volumes covering nearly all the different branches of chemistry, and new books are constantly being added. The department subscribes to some twenty-five scientific periodicals including the *Journal of the American Chemical Society*, *Chemical Abstracts*, the *Decennial Indices*, and a number of French and German publications.

The Physical Laboratories, in the south part of Breidenbaugh Science Hall, are equipped with selected modern apparatus for elementary and advanced laboratory work and lecture demonstrations. Equipment is available for work in advanced mechanics and the determination of elastic moduli; mechanics of rotation and moments of inertia; equilibrium of forces; experimental work in magnetism and electricity; and the study of the laws of heat, gas, and light. The general apparatus also includes an oil-immersed rotary-type high-vacuum pump, a mercury diffusion pump, high-grade precision balances, and a cathetometer. Direct current is supplied at various points by means of a central switchboard and a





storage battery; portable sub-stations are available for alternating current. Notable among recent acquisitions are a "Paschen Mounting" spectrograph, for use in atomic studies, and a 7.5 K.W. (15,000 volts at 0.5 amperes) D. C. Power Supply for electronics.

The Physical Laboratory also contains a shop equipped with precision tools for the construction of special apparatus.

The departmental library is well provided with books on elementary and advanced laboratory experiments and technique, as well as books in the field of general Physics. Carefully selected publications are added each year.

BRUA CHAPEL, erected in 1889-'90, is a memorial to the parents of the late Col. John P. Brua, U.S.A. The building is used for daily assembly, lectures, concerts, and other occasions requiring a large auditorium.

Through the generosity of the Woman's League of Gettysburg College, a large addition to Brua Chapel was erected and made available to the Music Department in 1951. Renovation of the original building will provide improved facilities for the dramatic organizations.

THE EDDIE PLANK MEMORIAL GYMNASIUM, a large Georgian structure completed in 1927, fulfills the functions of a gymnasium, social hall, armory, and auditorium. The lower floor is occupied by the rifle range and other facilities of the R.O.T.C., locker and dressing rooms, showers, and the living quarters of the custodian. On the main floor are the gymnasium proper, a theatrical stage, and the offices of the Department of Physical Education. The Department of Military Science and Tactics occupies offices on the upper floor.

ROBERT WEIDENSALL HALL, a colonial brick structure on North Washington Street, is the home of the Student Christian Association. The original building was erected in 1923 by the Woman's League of Gettysburg College and named in honor of Robert Weidensall, LL.D., Class of 1860, a pioneer in the work of the Y.M.C.A. In the reconstruction which followed the fire of 1946 it was greatly enlarged, and it now contains a large central hall, an auditorium, a tiled swimming pool, a lounge for students who are members of no fraternity, recreation and browsing rooms, and the offices of the S.C.A., the Chaplain, the Alumni Secretary, the Fine Arts staff, and the *Gettysburgian*.

PENNSYLVANIA HALL, "Old Dorm," erected in 1836-'38 and used as a hospital during the famous battle, was remodeled and improved in 1889, and again in 1925. It contains eighty-five rooms for students, many of them *en suite*, so that those who desire may have separate study and sleeping rooms.

McKNIGHT HALL, erected in 1898 and named in honor of Harvey W. McKnight, fourth President of the College, is a three-story dormitory accommodating about fifty students. In the summer of 1949 the interior of this building was completely renovated.

HUBER HALL, a building of colonial design fronting on Carlisle Street, provides administrative, dormitory, and recreational facilities for women students, and cafeteria service for students of both sexes. The first floor contains a recreation room and living quarters for a number of students. The second, or main floor contains a large dining hall and modern sanitary kitchen and the office of the Dean of Women. On the third floor are rooms for students. Huber Hall was built in 1917.

STEVENS HALL, also on Carlisle Street, has recently been completely refurnished by the Woman's League for the use of women students. There are accommodations for forty-nine girls, an apartment for the head resident, and a living room. The building was erected in 1868.

AUGHINBAUGH HALL, a large residence on Springs Avenue, accommodates twenty girls and a head resident. There is a kitchen in which resident students may prepare breakfast.

HANSON HALL, a new dormitory which accommodates about one hundred girls, was opened for occupancy in the fall of 1950, and dedicated in honor of President and Mrs. Henry W. A. Hanson.

An especially notable event in the continuing building program of the College occurred in 1951. On May 13, ground was broken for the erection of CHRIST CHAPEL, and on November 3 the cornerstone was dedicated by President Henry W. A. Hanson. This building will stand opposite Weidensall Hall, with which it will constitute the visible center of the religious life of the campus and a memorial to the devotion of the many friends of the College whose gifts made its erection possible.

THE INFIRMARY, on West Lincoln Avenue, provides for the isolation of contagious diseases, as well as the usual medical services. It is served by three resident nurses, under the supervision of a medical director and a Faculty committee.

The COLLEGE BOOK STORE, adjacent to the campus on Stevens Street, dispenses textbooks, accessories, and light refreshment. It is owned and administered by the College. It was erected in 1939.

ADDITIONAL BUILDINGS are the President's home, three houses erected by Greek-letter societies, the janitor's home, certain temporary buildings (described below), and the heating plant. All these are located on the central campus.

OSOGA LODGE, a rustic cabin at Laurel Lake, some twenty miles north of Gettysburg, is available to student groups under proper supervision.

In 1946, to accommodate the influx of students from the armed forces, the College and the Federal Housing Authority erected seven temporary dormitories just north of Memorial Field. Four of these buildings, connected with the central heating plant of the College, accommodate two hundred unmarried men. In the three others, six four-room apartments and four three-room apartments, separately heated, are available to married students. These are all one-story buildings.

A temporary building, obtained from the Army in 1947 and formerly operated as a recreation center by the Student Christian Association, now serves as headquarters for the Department of Air Science and Tactics.

Two similar buildings, attached to Glatfelter Hall, provide four auxiliary classrooms.

### *Athletic Fields*

MEMORIAL FIELD, lying west of the Eddie Plank Memorial Gymnasium, is a combination football and track field.

NIXON FIELD, a seven-acre area lying east of the Gymnasium, contains the baseball diamond.

Other playing surfaces, some on the central campus and others on College land north of Broadway, are available for tennis, soccer, hockey, archery, golf and football practice, and softball.

# College Expenses

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## *Tuition and General Fees*

A Registration Fee of \$10 is required of all students on entering the College for the first time and is payable to the Registrar.

The annual charge for tuition is \$450 and may be paid in two installments, \$225 being due at the beginning of each semester. This charge is made for instruction; lectures; upkeep and use of grounds and buildings (does not include dormitory room rent); use of library, reading rooms, gymnasium and swimming pool; health and sanitation service. Any student pursuing studies which total less than ten semester hours must pay \$16.00 dollars tuition per semester hour.

Each student is required to pay the following yearly fees:

Athletic fee.....	\$25.00
Student Chest fee (see page 63).....	15.00
Health fee (see page 56).....	10.00

## *Laboratory Fees*

	1ST	2ND	BREAKAGE
	SEM.	SEM.	DEPOSIT PER SEM.
Biology 1, 8, 11, 13.....	\$10.00	\$10.00	
Biology 2, 4, 6.....	10.00		
Biology 3, 5, 7.....		10.00	
Chemistry 1.....	10.00	10.00	\$3.00
Chemistry 2a and 2b, 4.....	10.00	10.00	5.00
Chemistry 5.....	10.00	10.00	
Education 11.....	10.00	10.00	
Physics, 1, 102, 3, 10.....	7.50	7.50	
Shorthand or typewriting.....	15.00	15.00	
Voice or piano lessons.....	28.00	28.00	
Organ lessons.....	45.00	45.00	
Violin lessons.....	30.00	30.00	
Organ rental.....	10.00	10.00	
Piano rental.....	6.00	6.00	

In addition to these fees a charge is made for apparatus broken or not returned in good condition.

*Yearly Room Rents*

Aughinbaugh Hall.....	\$120.00
Housing Units—Rooms.....	90.00
Apartments for families (\$25.00 to \$26.00 per month) ..	225.00–234.00
Hanson Hall.....	150.00
Huber Hall.....	120.00
McKnight Hall.....	120.00
Pennsylvania Hall (Old Dorm).....	120.00
Stevens Hall.....	120.00
Rooms in private homes.....	120.00–225.00

*Board*

College Cafeteria.....	370.00
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*Estimated Cost of a Year in College*

The expenses of a student depend largely on his tastes and habits, his place of residence, and his program of studies.

Hence the following tabulation does not include laboratory fees, laundry, Post Office box fee (\$2) for all men dormitory students, graduation and diploma fee (\$5), and personal expenses, such as clothing, spending allowances, fraternity dues, and transportation.

## YEARLY EXPENSES

	MINIMUM	LIBERAL
Tuition.....	\$450.00	\$ 450.00
Athletic Fee.....	25.00	25.00
Student Chest.....	15.00	15.00
Health Fee.....	10.00	10.00
Board.....	335.00	370.00
Room.....	90.00	234.00
Books and Stationery (estimated)....	25.00	50.00
Estimated total cost for college year..	\$950.00	\$1154.00

*Payment of Bills*

The bills of the College Treasurer are made out for each semester and include half of each item for the College year. The bill for tuition, student chest, health fee, athletic fee, laboratory fees and board (for those who take meals at the College Cafeteria) is payable in advance at the beginning

of each semester. The Veterans Administration will pay for tuition, fees, books, and supplies within the legal limits for veterans attending college under the provisions of Public Laws 346 and 16.

No student will be graduated until all financial obligations to the College and for class publications and other student interests have been discharged. Certification of College record or statement of honorable dismissal will not be made until all financial obligations have been met.

No student will be permitted to take the semester examinations unless all bills have been paid.

# *Admission of Students*

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The needs of the larger community in which the College exists are such that it is desirable to make available to as many as possible the benefits of a liberal arts education. Gettysburg College has been sensitive to these needs and has increased its enrollment as much as it has considered wise in order to meet the demand. At the same time, however, the College has kept in mind its belief that such an education can best be achieved in a small college atmosphere. In the firm conviction that it will be of most service if it maintains its character as a small church-related school, the College has stated requirements for admission. It is hoped that they will enable the College to select as students those young people who will contribute to and benefit from the College community in the highest degree. While the academic requirements are perhaps most important, the College hopes to attract students who have varied interests and abilities.

## *Application for Admission*

A student desiring to enter Gettysburg College from high school should secure an "Application for Admission" form from the Office of the Dean of Admissions. After the student has supplied the information called for on pages three and four of that form, he should ask the proper authorities of his high school or preparatory school to complete pages one and two and forward it to the Admissions Office. There is no application fee. Regulations governing admission of applicants who have attended another college are stated in full in the section, "Admission with Advanced Standing."

Applications are receivable any time after the student has completed the Junior year in high school. The Dean of Admissions may make tentative reservations for applicants with exceptionally good qualifications, but the *Committee on Admissions* takes no official action until the mid-year Senior grades have been presented. It is the responsibility of the applicant to furnish an official record of all work completed after the "Application for Admission" has been presented.

## *Requirements for Admission*

Every student is asked to meet the following minimum requirements. From among those who meet these requirements, those best qualified for work at Gettysburg College are selected for matriculation.

1. Evidence of good character and acceptable social habits.
2. Graduation from and recommendation by an approved secondary school with completion of 16 regular units or 15 Carnegie Units of work distributed as follows:

	YEARS
<i>Required:</i>	
English . . . . .	4 <sup>1</sup>
Elementary Algebra . . . . .	1
Plane Geometry or Intermediate Algebra . . . . .	1
<i>Recommended:</i> <sup>2</sup>	
Natural Science . . . . .	2
History . . . . .	2
Foreign Language . . . . .	2
<i>Optional (in addition to above):</i>	
Mathematics . . . . . maximum of . . . . .	2
Natural Science . . . . . " " . . . . .	2
History or Social Science . . . . . " " . . . . .	2
Foreign Language . . . . . " " . . . . .	4
General electives (in subjects not listed above) . . . . .	3 <sup>1</sup>

3. Clear evidence of ability and preparation to pursue college work successfully. (See the following section, "Methods of Admission.")
4. Application for admission made in approved form to the Dean of Admissions. (See "Application for Admission.")

### *Methods of Admission*

Students may be accepted upon certification by an approved secondary school, or upon submission of satisfactory scores on the examinations conducted by the College Entrance Examination Board, or by a combination of both. Applicants who rank in the upper two-fifths of their classes may be admitted without examination. The *Committee on Admissions* notifies applicants whether or not they are eligible for admission without examina-

<sup>1</sup> With the exception of these numbers, all references to a year's work also indicate a Carnegie Unit. The four years of English are equivalent to three Carnegie Units.

<sup>2</sup> In addition to the general recommendations for all prospective students, the following special ones should be noted:

Those students who plan to major in either physics or chemistry should, if possible, take the optional courses in mathematics and natural science.

Students who plan to major in a foreign language should have at least two years of preparation in each of two foreign languages.





COLLEGE LIBRARY

tion after the receipt of their "Application for Admission." The College recommends that any applicant who ranks lower than the upper two-fifths of his class plan to take the tests of the College Entrance Examination Board as early as possible during the Senior year of high school.

The dates set for the tests of the College Entrance Examination Board are March 15, 1952; May 17, 1952; August 13, 1952; December 6, 1952; January 10, 1953; March 14, 1953; May 16, 1953; August 12, 1953.

The College administers its own Entrance Examinations at Gettysburg to supplement those of the College Board. These examinations are administered in January, April, May, June, July, and August, the exact date usually being set one month in advance.

The College will cooperate with high schools in recognizing Educational Development Tests and United States Armed Forces Institute Examinations for applicants whose education has been interrupted by service in the armed forces. Under certain circumstances General Educational Development Tests and Veterans Administration guidance tests are acceptable substitutes for or complements to those of the College Entrance Examination Board.

### *Admission with Advanced Standing*

A student who has attended another college is eligible to transfer to Gettysburg College if he is entitled to an honorable dismissal without social or academic probation. A transfer student must present an official transcript from any or all colleges or universities attended, as well as the official "Application for Admission" form showing the high school record. Former students may transfer credits from other institutions under the same conditions granted to new students.

Transfer credits are granted for work done with a grade of C or better in approved colleges and universities if the courses taken fit the curriculum to be followed at Gettysburg. All academic credit for courses transferred is granted tentatively until the student has satisfactorily completed one year of work at Gettysburg College. All transfer students must meet the course requirements demanded of all members of the class into which they transfer.

A student admitted as a Sophomore after one year of residence at another college must complete at least *ninety* academic hours to meet the requirements for graduation. In addition, he must meet the Sophomore requirement in physical education or military science and all general requirements imposed upon all other members of the Sophomore class. A student admitted as a Junior after two years of residence at another college

must complete at least *sixty* academic hours at Gettysburg College to meet the requirements for graduation and meet all general requirements imposed upon all other members of the Junior class. A student, regardless of credit grants or years of residence at another college, must complete at least *thirty* semester hours at Gettysburg and one full year of residence to receive a degree from Gettysburg College.

All transfer students entering as Freshmen or first semester Sophomores are required to take General Education 1 and 2. All transfer students entering as second semester Sophomores, or first semester Juniors, are required to take General Education 2. Requests for exemption from General Education 1 and 2 will be referred to the *Curriculum Committee*.

No credit is granted for extension courses, correspondence courses, or courses in non-accredited institutions.

### *Admission at the Beginning of the Second Semester*

A limited number of Freshmen and transfer students are admitted at the beginning of the second semester. Methods and requirements for admission are the same as for those students entering at the beginning of the regular school year in September.

### *Admission to the Summer Session*

Students who are candidates for degrees at Gettysburg College are admitted to the term beginning in June under the same methods and requirements as those which apply to students entering in September.

Students who are candidates for degrees from other colleges may enter the Summer Session upon the certification of the Deans of those institutions that the applicants are *bona fide* students in the institutions and that the courses taken at Gettysburg College will be transferred if they are passed with certifying grades.

Others applying for admission to the Summer Term *only* may be accepted upon presentation of official evidence of preparation to meet the regular admissions requirements. A special admissions form is available from the Admissions Office.

### *Admission Fees*

Upon acceptance each new student must pay \$10 to the Registrar as a Registration Fee and \$10 to the Dean as a Reservation Fee.

The Registration Fee is not refundable under any circumstances. No

fee is assessed for subsequent registrations. The payment of this fee entitles each student to one official transcript of his College record without charge.

The Reservation Fee is retained in the Dean's Office for subsequent semesters and as damage deposit against possible breakage or loss of College property. It is refundable to a student graduating if no charges are assessed against him. It is refundable to a student leaving College at the end of any semester if he notifies the Dean sixty days before his withdrawal. A student forfeits his Reservation Fee if he withdraws from College during the semester.

New students who decide not to matriculate may claim the Reservation Fee by notifying the Dean sixty days before the beginning of the semester for which they have been accepted.

### *Institutional Rating*

Gettysburg College is on the accreditation lists of the Association of Colleges and Secondary Schools of the Middle States and Maryland, the Board of Regents of the State of New York, the Department of Public Instruction of Pennsylvania, and others. It is a member of the National Committee on Accreditation.

Approval by the American Medical Association, membership in Phi Beta Kappa and in the American Chemical Society, listing in the Good Housekeeping series on small colleges, and approval by other similar organizations are additional indications of good standing.

This rating means that credits granted by Gettysburg College are accepted at face value by other colleges, universities, and graduate and professional schools.

# *Registration*

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## *The Registration System*

Gettysburg College combines Registration and Course Advisement. Students register for both semesters of the regular academic year and for both terms of the Summer Session. There is no formal registration between semesters or terms, but provision is made for course adjustment and for the registration of new students.

## *Registration of Old Students*

The Tuesday before the second-semester examinations is set aside for the Spring Registration. Students report in alphabetical order as assigned by the Registrar—Juniors in the morning, Sophomores in the afternoon, and Freshmen in the evening—for preliminary registration for the next year's courses and for final registration for the Summer Session. Each Faculty adviser sets up a series of conference hours prior to the Spring Registration for the convenience of his advisees.

During the summer the Registrar's Office prepares the Official Registration Forms. For those students making no course adjustments, the final registration on Wednesday and Thursday before the formal opening of the College is only a matter of receiving the Treasurer's assessment and filling in an Information Card.

## *Registration of New Students*

Freshmen entering in September make out a tentative schedule of courses through individual conference or correspondence with the Registrar during the month of August. The office then prepares the official forms and schedules, which are turned over to the students' advisers for further study. The students meet their advisers on Monday of Orientation Week to complete their registration. Any change in course may be negotiated with the adviser on Thursday afternoon.

Students with advanced standing entering in September usually work out their schedules on Monday of Orientation Week. The Registrar evaluates advanced credits and sends copies showing credits granted and remaining requirements for graduation both to the students and to their

advisers. Any necessary conferences can be arranged during the month of August.

New students entering in February and in June may work out schedules (Freshmen with the Registrar; other students with their departmental advisers) on or before the day of registration.

### *Registration for the Summer Session*

Old students register for the Summer Session at the time of the Spring Registration.

New students register the first day of the session at the time and place designated in the Summer Session *Bulletin* or Directive. Students attending both terms register for both at the beginning of the session.

### *Registration Rules*

1. Each student must register officially, at the specified time and place, for all the courses he expects to enter. Late registration is penalized by a fine of \$5 unless excused by the *Scholastic Standing Committee*.
2. No student may receive credit for a course unless he is properly registered for that course.
3. A student who fails to complete a course for which he has registered and from which he has not officially withdrawn automatically receives an F on his permanent record.
4. A fee of \$1 is charged for any change in course made within one week after the last day of the regular registration period.
5. After the first week of the semester, a student may drop a course or add a new course only with permission from the *Scholastic Standing Committee* and with the payment of \$1 for *each* course changed.
6. A student who receives an F in the first semester of a year's course may not continue that course during the second semester without the consent of the department concerned.
7. The College reserves the right to withdraw or discontinue any course for which an insufficient number of students have registered. In such an event, no fee will be charged for transfer to another course.

## *The Accelerated Program*

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Gettysburg College continues to offer an optional accelerated program for those who need to complete a college education in less than the regular four-year period. Students may accelerate in two ways: by taking extra subjects during the regular academic year, and by attending the Summer Sessions.

Exceptional students may carry extra work during each semester under the conditions explained in this *Bulletin* under the heading "*Schedule Limitations.*" While it is possible for students with excellent mental and physical stamina to complete eight semesters of work in seven, the College advises students to emphasize full participation in College life rather than to find short cuts in time.

The Summer Session of twelve weeks permits students to do approximately an extra semester's work each year. The normal student load is a full year's work in each of two subjects for twelve or fourteen semester hours of academic credit. The students who attend two Summer Sessions may complete their requirements for a degree in three years.

Those students who wish to complete their work in three years and at the same time complete their R.O.T.C. training for a commission as second lieutenant in the Officers' Reserve Corps should begin College in June rather than in September because of the training camp requirement, which is usually fulfilled during the summer between the Junior and Senior years. To date, neither the Army nor the Air Force has made any recommendation for acceleration in the R.O.T.C. program, but both cooperate fully in the optional program offered at Gettysburg.

The accelerated program at Gettysburg College is flexible. The students who begin acceleration may discontinue it at will. There is a distinct possibility that acceleration may permit some students to finish a College education who otherwise would have their education interrupted.

# Curriculum

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Gettysburg College believes that all students should have a broad liberal education. To attain that end the College requires certain specific courses in the Freshman and Sophomore years and makes a general requirement for distribution of subject matter to be completed before graduation. Because of this dominantly liberal purpose, all students earn the degree of Bachelor of Arts, regardless of their field of major or specialized study.

Within the limits of the distribution and concentration requirements, course building is largely an individual matter between students and their advisers. Except for Physical Education teacher training, there are no fixed curricula. Each department has, however, worked out suggested curricula to assist students in selecting courses to meet certain objectives.

## *Advisers*

When a student registers as a Freshman, he is assigned to a Freshman adviser. Before the spring registration in his Freshman year, any student who has not yet chosen his major subject should name as his temporary adviser the head of the department in which he thinks it most likely that he will be a major; that professor will serve as his adviser until the student has been accepted as a major in some department. After the student has been accepted as a major by the department of his choice, the head of that department becomes his adviser and continues as such throughout the remainder of his program of studies. The adviser is the medium of communication between the student and the Faculty and may be consulted in all matters. Each year the student must secure his adviser's approval of his study list.

## *Courses and Credits*

The amount of credit given for each course is specified in terms of *semester hours*. A *semester hour* of college work consists of one hour a week of lectures or classwork, or two or three hours of laboratory work (or laboratory work combined with classwork) a week for one semester. The normal assumption is that the student will be expected to do at least two hours of study in preparation for each hour of classwork.

No credit for one semester of a year's course may be granted except by written approval of the department delivered to the Registrar.

### *Schedule Limitations*

The usual schedule is 15 semester hours in addition to basic Military Science or Physical Education. No student may carry fewer than 12 semester hours or more than 16 semester hours unless he has the consent of the *Scholastic Standing Committee*. A student enrolled at Gettysburg College may not carry courses concurrently at any other institution without the consent of the Faculty.

When the student has established clearly a valid reason for additional subjects, the *Scholastic Standing Committee*, of which the Dean is chairman, may allow extra hours, subject to the following restrictions:

1. A maximum of eighteen semester hours in addition to basic Military Science or Physical Education to a second-semester Freshman who has maintained a quality-point average of 2.00\* during the first semester or to a Sophomore who has maintained an average of 2.00 during his Freshman year.
2. A maximum of eighteen semester hours to Juniors or Seniors who have maintained an average of 2.00 during the preceding year or twenty-one hours to those who have a 2.50 average.
3. A maximum of eighteen semester hours in either the Junior or Senior year (not both) even though the student's average may be below 2.00.

### *Requirements for the Degree of Bachelor of Arts*

The degree of Bachelor of Arts may be conferred upon the student who completes 120 semester hours of academic work and earns eight hours of activity credits (in Physical Education 1 and 2 or Military or Air Science 1 and 2).

Additional hours may be required for individual students according to rules established by the Faculty. In addition to the hours required, students must earn at least as many quality points as there are hours required for their graduation. No student may graduate with a quality-point average of less than 1.00 in his major subject.

A student registered at Gettysburg College will not obtain credit for courses taken in other colleges during the summer unless such courses have first been approved by the head of the department concerned.

### *Requirements for Teacher Certification*<sup>1</sup>

In addition to qualification for the degree of Bachelor of Arts, the student may qualify for certification to teach in secondary schools by

\* See "Grading System," p. 52.

<sup>1</sup> This rule does not apply to students admitted to College before June, 1949.

completing sixteen semester hours of academic work beyond the minimum requirements for the degree of Bachelor of Arts, and by earning at least 16 additional quality points. Normally, good students can include these hours in their regular four year schedule.

*Requirements for Military Commission*

A student may qualify for a reserve commission in the Armed Forces by completing 4 additional hours, including basic and advanced Military or Air Science, and earning 4 additional quality points, beyond the regular requirements for the degree of Bachelor of Arts.

*Distribution Requirements for All Students*

SUBJECTS	SEMESTER	HOURS
English A (Freshmen) . . . . .		6
Bible 1 (Freshmen) . . . . .		6
General Education 1 (Freshmen) . . . . .		6
General Education 2 (Sophomores) . . . . .		6
Senior Comprehensive Examination <sup>1</sup> . . . . .		0
Military Science or Air Science or Physical Education—2 Years. .		8
General Proficiency in Mathematics <sup>2</sup> . . . . .		0-6
Language: <sup>3</sup>		
French	} 6 semester hours above the "A" course in each of two . . . . .	12
Spanish		
German		
Greek		
Latin		
Philosophy	} 6 semester hours in one . . . . .	6
Pol. Sci. and Econ.		
History		
Psychology		
Sociology		

<sup>1</sup> Every candidate for the degree of Bachelor of Arts is required to pass a comprehensive examination in his major field of study.

This comprehensive examination is intended to test the depth of the student's knowledge of the subject matter in his major field; to determine his abilities to assimilate, to analyze, and to apply the leading ideas developed in this subject; and to serve as a challenge, throughout his college course, to integrate the entire work of his chosen field of study.

<sup>2</sup> Those Freshmen who fail in the mathematics proficiency test must register for a 6 semester hour course in Mathematics A.

<sup>3</sup> Two languages and one science or two sciences and one language are required.

Latin Literature	} 6 semester hours in one in the original . . . . . 6 (Refer to the introductions of respective departments under "Courses of Instruction" for the listing of literature courses in the original.)	
Greek Literature		
German Literature		
French Literature		
Spanish Literature		
Science: <sup>1</sup>	} 8 semester hours in each of two . . . . . 16	
Biology 1		
Chemistry 1		
Physics 1 or 102		
Appreciation courses <sup>2</sup> . . . . .		4
Average total for distribution . . . . .		76-82

### *Concentration Requirements for All Students*

- 24 semester hours above "A" courses in a major
- 12 semester hours above "A" courses in a related minor<sup>3</sup>
- 12 semester hours above "A" courses in an unrelated minor<sup>3</sup>

As early as possible each student should select his major subject. In addition, he should select two minor subjects, one related to his major field (in the same group) and one not related (not in the same group).

The subjects are arranged in three groups as follows:

GROUP 1		GROUP 2	GROUP 3
English	Bible	Physical Education	Biology
French	Economics	Political Science	Chemistry
German	Education <sup>4</sup>	Psychology	Mathematics
Greek	History	Social Science <sup>5</sup>	Physics
Latin	Music	Sociology <sup>4</sup>	
Spanish	Philosophy		

<sup>1</sup> Two languages and one science or two sciences and one language are required.

<sup>2</sup> These 4 hours may be selected from Dramatic Arts 1a, 1b, 1c; Fine Arts 1, 2, 3; Music 1a, 2a, 2b; and English 18.

<sup>3</sup> This is interpreted as meaning two full year courses or the equivalent if the minor is in a laboratory science.

With the consent of the major adviser, a year course or its equivalent in each of two subjects within the group to which the major belongs may be accepted as a related minor.

<sup>4</sup> Accepted for a minor only.

<sup>5</sup> An interdepartmental course which includes a major and a first minor within the general field of the social sciences. It is described under "Courses of Instruction."

### Required Freshman Program

SUBJECTS	SEMESTER	HOURS
General Education 1.....		6
English A.....		6
Bible 1.....		6
Military Science or Air Science or Physical Education.....		4
and either		
Accelerated Language Course	}	..... 12-14
or		
Language		
and		
Mathematics, or Economics 1 and 2, or Science,	}	
or a second language		
Total.....		<u>34-36</u>

*Freshman Program for Science and Mathematics Majors*

SUBJECTS	SEMESTER	HOURS
General Education 1 . . . . .		6
English A . . . . .		6
Mathematics . . . . .		6
Science . . . . .		8
Military Science or Air Science or Physical Education . . . . .		4
and either		
Language } . . . . .		6
or		
Bible 1 }		
Total . . . . .		<u>36</u>

### Required Sophomore Program

SUBJECTS	SEMESTER	HOURS
General Education 2 . . . . .		6
Military Science or Air Science or Physical Education . . . . .		4
and		
At least 2 courses selected from the following: Language, Mathematics, Science, or second Language . . . . .		12-16
and		
Two electives with at least one from the following: History, Philosophy, Political Science, Psychology, Sociology . . . . .		12
Total . . . . .		<u>34-38</u>

Education courses for those who plan to teach should be included in electives.

The Sophomore course in the student's major must be included in the required subjects or in the electives.

### *Junior and Senior Program*

All required courses listed in the Freshman and Sophomore programs which have not been completed by the end of the Sophomore year must be included in the Junior program. It is recommended, in the interest of a well-balanced education, that the Junior program shall contain at least two courses each semester outside the group in which the student's major falls, and that the Senior program shall contain at least one course each semester outside the group in which the student's major falls.

Transfer students accepted as upperclassmen are subject to the same requirements as are all other students. When similar courses accepted as transfer credit can be used as substitutes for the required courses, the Registrar will notify both the students and their advisers of the official advance credit evaluation.

Transfer students accepted as first-semester Sophomores are required to take both General Education courses 1 and 2. Second-semester Sophomores and first-semester Juniors are required to take General Education course 2.

### *Preparation for Graduate Study*

All students who intend to do graduate work should communicate this fact as early as possible to the heads of the departments in which they are majoring in order that they may be sure of meeting all the requirements for graduate study.

# Scholastic Rules and Procedures

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## Chapel Attendance

Every student is required to attend Chapel Service. Because of the large number of students now in the College, it is necessary to divide the Chapel Service into two sections: one meeting on Wednesday and Friday at 8:55 A.M., and the other on Tuesday and Thursday at 8:55 A.M. When a student has incurred ten absences in any semester, he will have one credit hour added to his graduation requirement. When a student has incurred his fifteenth, he will be referred to the *Committee on Discipline*.

## Class Attendance

The student is expected to attend each class exercise unless his absence is justified by official authorization, genuine necessity, or other respectable cause. Unnecessary absences are neither authorized nor approved.

The instructor is required to make a daily report of absences to the office of the Dean. The instructor has full authority to penalize any absence from his class. He may also cause a student to be forbidden any further absences from his class (except the most imperative) by notifying the Dean that the student should be placed on "cut probation."

The further supervision and discipline of absences are vested in a *Committee on Absences*, of which the Dean is *ex-officio* chairman. This *Committee* regards student absences as consisting of four kinds: (1) absences incurred through "authorized trips," (2) those incurred through "prolonged illness," (3) those "taken for good reason," and (4) those taken without justification.

(1) Absences incurred through "authorized trips" are certified by the Dean as excused, and are not penalized by his office. Absences thus excused include those of students traveling with recognized athletic, musical, dramatic, or forensic organizations, or as delegates to fraternal conventions; those due to family emergencies or important social obligations (such as weddings and funerals); and those made necessary by appointments with agents of the government or prospective employers. The Dean's certificate should be obtained before such trips are made; in an emergency it may be issued after the event.

(2) "Prolonged illness" is defined as medically attested illness extending over three or more days and necessitating two or more absences from the same class. The Dean's office issues a certificate excusing such absences, and imposes no penalty.

(3 and 4) If a student incurs an absence not eligible for certified excuse, and presents the Dean's office with a satisfactory explanation, the absence will be recorded as "taken for good reason." If he presents no "good reason," the absence will stand in his record as unjustified.

(5) Lateness to class four times is regarded as one absence.

Although unnecessary absences are never approved, the student is allowed, in effect, a quota of unpenalized absences equal to the number of class meetings per week. These absences require no certification or excuse, but he is expected to use them only for "good reason." Thus, the *Committee* imposes no penalties until a student's absences in any one course (excluding those due to "authorized trips" or "prolonged illness") total more than the weekly number of class meetings scheduled for that course. If it then appears that any absence has been incurred without justification, the student will be penalized for each absence in excess of the number of class meetings per week by the addition to his graduation requirement of one semester-hour's credit. When the number of absences (excluding those due to "authorized trips" and "prolonged illness") equals twice the number of class meetings per week, the student is subject to dismissal from the course with a grade of F. Upon such dismissal, other penalties incurred for absence in this course are rescinded.

Absence from one or more classes within twenty-four hours of the beginning or end of a regular holiday or vacation will be penalized by the addition of one semester-hour to the graduation requirement, unless permission for such absence has been certified in advance or serious emergency has made such absence inevitable.

### *Grading System*

GRADE	QUALITY POINTS	PERCENTAGES	DESCRIPTION
<i>A</i>	3	100-90	Excellent
<i>B</i>	2	89-80	Good
<i>C</i>	1	79-70	Fair
<i>D</i>	0	69-60	Poor, but passing
<i>F</i>	—	59-0	Failing
<i>I</i>	—	—	Incomplete for reasons beyond student's control
<i>W</i>	—	—	Withdrew from course. No credit. Letter following <i>W</i> indicates standing at time of withdrawal.

Teachers may modify the various letter grades with plus and minus signs. These signs are placed on the permanent records and reproduced

on all transcripts, but are disregarded in all ordinary quality point computations. They are, however, used in all honors computations.

Quality Point System

Computations

Quality points are allowed according to grade for each semester hour as follows:

A = 3,      B = 2,      C = 1,      D = 0

When a finer computation is desirable, as in determining honors, the following is official:

A+ = 3⅓	B+ = 2⅓	C+ = 1⅓	D+ = ⅓
A = 3	B = 2	C = 1	D = 0
A- = 2⅔	B- = 1⅔	C- = ⅔	

Grades *I*, *W*, and *F* are disregarded in final quality point computations. For all student-body ratings and for all individual averages issued by the Dean's Office, the grades *F* and *WF* are counted as -1.

Minimum Requirements

In general, students are considered deficient and are advised to withdraw from the College when they fail to meet the following minimum standards in the achievement of total quality points. In general, they are required to withdraw when they fall one semester behind the minimum standards given below.

At the end of first semester . . . . .	10
At the end of second semester . . . . .	26
At the end of third semester . . . . .	45
At the end of fourth semester . . . . .	64
At the end of fifth semester . . . . .	80
At the end of sixth semester . . . . .	96
At the end of seventh semester . . . . .	112
At the end of eighth semester . . . . .	128 or a total equal

to the number of hours required for graduation.

Conditions and Deficiencies

No credit is given for a subject reported as *F* or *I*. An *I* not removed by the completion of the work within one semester after the deficiency was incurred becomes an *F*, unless the *Scholastic Standing Committee* shall, because of the student's sickness or for an equally good reason, extend the time for removing the *I*. An *F* in a course for the first semester debars

a student from the course during the second semester unless the department in which the *F* is incurred consents to the student's continuance. An *F* remains on the student's permanent record card and is reproduced on all official transcripts. No student may repeat without the consent of the department concerned a course which he has failed.

### *Placement Service*

*Teacher Placement.* The College maintains a free Teacher Placement Bureau to assist Seniors and graduates in securing positions and to aid school officials in locating properly qualified teachers.

All communications should be addressed to the Director of the Teacher Placement Bureau.

*College Placement.* The College operates a general placement service for its students and alumni. The Guidance Counselor, in cooperation with the Dean and Department Heads, arranges for the employment personnel of many business and industrial organizations to meet students for personal interviews looking forward to employment. He maintains a library on career possibilities in business and the professions.

Students who wish aid in securing placement should register with the Guidance Counselor early in their Senior year.

*Informal Placement.* The Administration and Advisers informally assist students in securing employment or placement in graduate school.

### *Probation*

#### *Limited Probation*

If, in the judgment of a teacher, a student is endangering his scholastic standing in any course, the instructor may request the Dean to place the student on Limited Probation in the course for a period of two weeks. At the end of this period the teacher shall notify the Dean:

1. that the probation is continued,
2. that the probation is removed, or
3. that the student is dropped from the course with a grade of *F*.

At the discretion of the teacher the Limited Probation may be removed before the end of the two-week period.

#### *General Probation*

A student is placed on General Probation when he fails to meet all three of the following requirements:

1. passing at least 12 semester hours in addition to basic Military Science or Physical Education,
2. meeting the minimum requirements of the Quality Point system,
3. showing reasonable progress toward graduation.

When a student is placed on General Probation,

1. he is ineligible to represent the College in intercollegiate activities or in any other activities entailing absence from classes, and
2. a warning note is sent to the parent or guardian, and notice is given to the student, the directors of College organizations, and the Faculty.

General Probation is effective the Monday following reports from instructors indicating that the student is failing to meet the requirements.

General Probation cannot be removed before the expiration of one week.

### *Special Probation*

When in the opinion of the *Scholastic Standing Committee* a student's scholastic record is endangered, the *Committee* may place him on special probation, giving him until the end of the semester to improve his record or withdraw from College.

### *Reinstatement*

A student dismissed from the College for *any cause* may not be reinstated except by petition to the Faculty. Such petitions will be considered on their own merits, but *in no case* will a student be readmitted during the semester immediately following the one in which the penalty was incurred. A student dismissed for misdemeanor loses all credit for work done during the semester. A student who has been reinstated and fails in scholarship a second time will be required to withdraw from the College permanently. In any case of reinstatement the student will be on general probation for one year.

### *Student Health Service*

In order to be informed adequately of the state of health of each new entrant as soon as he begins his college career, the College requires each applicant for admission to submit to the Dean of Admissions a medical report from his family physician on the official form provided by the College. Each student must present this health form before matriculation.

A student Health Service is maintained under the supervision of a Faculty *Health Committee* for the benefit of all students. Included as part of the service is a well-equipped Infirmary, staffed by a Medical Director and Registered Nurses.

Each student pays an annual fee of \$10 for this Health Service, which entitles him to the following:

1. Periodic medical examination if recommended on the medical report submitted by the family physician.
2. Consultation and treatment by the College Physician.
3. Most necessary medications.
4. Certain diagnostic procedures, as ordered by the College Physician.
5. Unlimited infirmary care for all students. Those taking their meals in Huber Hall do not pay extra for meals while in the Infirmary, but those eating elsewhere receive free meals only for the first seven days spent in the Infirmary in any one semester. Beyond seven days the charge for meals is \$2 a day.

The Health Service does not provide for treatment of chronic illnesses, nor does it provide for refraction of eyes or dental care. Consultation with an additional physician, operations, and hospitalization are at the student's expense.

# College Life

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## *Living Facilities*

*Dormitories for Men.* The housing of men is under the direction of the Dean. Dormitory rooms in Old Dorm, McKnight Hall, and the Housing Units are furnished with single beds, mattresses, dressers, study tables, chairs and window shades. Students furnish pillows, linens, blankets, study lamps, and other accessories. Special pieces of furniture may be added if desired. Rent for rooms in Old Dorm and McKnight Hall is \$120 a year; for those in the Housing Units, \$90 a year.

Each dormitory occupant is required to sign a room contract for each college year and summer session.

Unfurnished apartments in the Housing Units are available for married students with children at \$25 and \$26 a month.

For further information the applicant should write to the Dean.

*Rooms in Private Homes.* In addition to living quarters in the Dormitories and Housing Units, there are rooms for many upperclassmen in their respective fraternity houses. Other upperclassmen, moreover, find it expedient to live in private homes throughout the community. Rates and furnishings in private homes are determined by the interested parties.

*Dormitories for Women.* The housing of Gettysburg women is under the direction of the Dean of Women. Women students, except those living at home, are required to room under dormitory supervision. Rooms range in price from \$120 to \$150 a year. Upon receiving notification of admission to the College, the applicant should forward the room Reservation Fee to the Dean of the College. The Dean of Women, who makes the actual room assignments during the month of August, gives room preferences in the order of the receipt of the Reservation Fee.

The rooms in Stevens Hall, Huber Hall, Aughinbaugh Hall and Hanson Hall are designed for two or three girls. Each dormitory room is provided with a closet or wardrobe, dresser, chairs, single beds, mattresses, three or four bookshelves, and a study table. Students provide pillows, linens, blankets, study lamps, window draperies, and other accessories. Pictures and other decorations may be suspended only from the molding.

*Board.* The College maintains a dining room in Huber Hall, at which

all women students except those living at home are required to take their meals. Each fraternity operates its own table. Men students and wives of students may arrange to take their meals at Huber Hall.

## *Counseling*

*Orientation Week.* During the first week of the fall term new students participate in a special program designed to help them become oriented to their new environment. Provided for the students under this program are personal conferences with advisers and counselors, lectures and discussions pertaining to college life, remedial and placement tests, social meetings with members of the Faculty, and trips to nearby points of interest. The tests provide the College with valuable information concerning the aptitudes, interests, and educational background of each new student and assist the College in its efforts to provide for him a personalized education.

*Orientation Program.* As a complement to *Orientation Week*, a series of conferences for new students is conducted during the early part of the academic year to assist them in solving the more personal problems of campus life. Small mixed groups, each directed by a selected upperclassman and guided by a faculty adviser, meet one hour a week for four weeks to consider in an informal and intimate manner the adjustment of the students to their new environment.

*Curriculum Advisement.* After the Freshmen have tentatively selected their first-year courses, the Registrar assigns them to Freshman Advisers, who assist with formal registration and, after the Orientation Week tests are finished, discuss and authorize course changes. Working under the direction of the Dean, the Freshman Advisers issue grade reports to their advisees and assist them in determining their major field of study.

At the end of the Freshman year, students elect a major field and select their Sophomore courses with the assistance of the head of the department in which they intend to major.

*The Dormitory System.* Under the guidance of carefully selected and well-trained Student Proctors, the students solve their own dormitory problems. The arrangement is in no sense a system of restraints, but rather a system to put into operation the principles of cooperative living.

*Student Counseling Service.* A *Guidance Committee* under the chairmanship of the head of the Department of Psychology supplements the functions of the Faculty Advisers. The members of this committee, including the Dean, Dean of Women, Registrar, and the Student Counselor, are available to assist students with educational, vocational, social, and

personal problems. This work is carried on by means of personal interviews and standard psychological tests. The guidance service is provided free to all students. They may seek it voluntarily or may be referred to it by Advisers or other faculty members. Study clinics are held from time to time as the need for them may arise.

*Veterans' Testing Service.* Gettysburg College is an official center for Veterans' Testing Service of the United States Armed Forces Institute, popularly known as USAFI. The College administers, scores, and certifies the official forms of the General Education Development (GED) tests. No charges are made for administering these tests to Gettysburg College students. There is a charge of \$3 for the GED series of five tests administered to persons not registered in the College at the time of the testing. All requests for GED tests should be addressed to the Registrar.

### *Lectures*

*College Lecture Series.* The Board of Trustees of the College annually appropriates money to secure widely known scholars, travelers, and lecturers to speak on topics of interest to the students and to the community. Admission to these lectures is free.

*Bell Lectureship.* A fund of \$2,100 from the estate of the late Rev. Peter G. Bell, ex-'60, has been received by the College for the establishment of a Lectureship on the Claims of the Gospel Ministry on College Men. The main object of this foundation is "to keep before the students of the College the demand for men for the Christian ministry and the conditions of the age qualifying that demand."

*Stuckenberg Lectureship.* Mrs. Mary G. Stuckenberg has given a fund of \$1,000 for the establishment of a Lectureship in Sociology in honor of her late husband, J. H. W. Stuckenberg, D.D., LL.D., by the terms of which the College sponsors annually a lecture by a specialist on some phase of Sociology from the standpoint of Christian Ethics. The lecture is given at such time as is convenient to the lecturer chosen for the year.

### *Music*

*The Band* is an organization, the instrumentation and training of which are directed toward creditable performance both in concert work and at athletic contests.

*The Gettysburg College Choir* is an organization of 50 young men and women recruited from the student body. Auditions are held at the beginning of each school year. Applicants are chosen on the basis of voice qual-

ity, trueness of ear, musical feeling, and general musical intelligence. The Choir appears at special services held in Brua Chapel, gives periodic concerts on the campus, and makes an extended tour through the surrounding states in the spring of each year.

Service with all musical organizations sponsored by the College is recognized by suitable insignia awarded at the end of a designated period of service.

A Faculty director is provided for each of the musical organizations. He is assisted by a staff of student officers.

### *Dramatics*

The Owl and Nightingale Club aims not only to bring out the latent dramatic talent of the students in acting, scene painting, and play writing but also to provide the College and the community with good entertainment. As the dramatic workshop of the College, it produces from four to six representative new plays throughout the year. Active membership in the club is gained by performances in a certain number of plays, by staff work, or by both.

In addition, short plays, presented from time to time, provide students of the Dramatic Arts classes opportunities in direction and production. All scenery is constructed by the students under Faculty supervision.

It is expected that in the near future Brua Chapel, remodeled for dramatic purposes, will be available to the group for use as a "little theatre."

### *Religious Life*

*Church Services.* Gettysburg College believes that regular church attendance is an essential part of the life of any student, especially when the student is away from the incentives and restraints of the home. Gettysburg College strongly emphasizes the importance of attending church services at least once each Sunday. The churches of Gettysburg are eager to welcome the students of the College to their services and also sponsor special Sunday School classes for their student members.

*Chapel Services.* The College conducts for its students week-day Chapel services under the direction of the Chaplain and the Student Christian Association Cabinet. Local clergymen, the President of the College, and selected members of the Faculty are the principal speakers.

*Student Christian Association.* The Student Christian Association is a fellowship of men and women undergraduates dedicated to the development of Christian character. This organization, founded in 1867, functions

today through a wide variety of projects including monthly Association meetings, daily devotions, forums, lectures, discussion and study groups, publications, social service activities and conferences, and through the maintenance of its home, Weidensall Hall. The S.C.A. welcomes into its membership all students regardless of denominational affiliation. Its administration is vested in a Cabinet under the direction of the College Chaplain, which is composed of the officers of the association and the chairmen of the standing commissions.

*Campus Vespers.* Vespers are held every Sunday evening throughout the school year at 6:30 o'clock in the Auditorium of Weidensall Hall. They are student worship services in which student speakers and choirs participate.

*Candlelight Service.* A worship service composed of sacred music, devotional reading, and silent meditation is conducted by and for the students at 10:30 o'clock on Thursday evening of each week of the school year.

Responsibility for both of these Campus services is vested in the S.C.A., which invites all students, whether members of the Association or not, to attend.

### *Religion-in-Life Week*

Each year near the beginning of the second semester a period of three days is set aside during which time a number of outstanding Christian leaders are brought to the campus to give lectures and conduct discussion groups on some thought-provoking religious theme. This program is known as "Religion-in-Life Week." The College considers this one of the high points of the school year—vitally important to the spiritual strengthening of every Faculty and student member of the campus.

### *Publications*

*The Alumni Bulletin*, a quarterly published by the Alumni Office, keeps alumni informed on current College events and purposes.

*The Gettysburg College Bulletin, Catalog Issue* is published in February of each year.

*The Gettysburg College Summer Session Catalog* is published in March of each year.

*The Gettysburgian*, edited by a staff of students, is published weekly during the College year and prints chiefly College and alumni news and opinions.

The *G-Book*, sponsored by the S.C.A. and issued at the opening of each College year, gives valuable information and suggestions to incoming students.

*The Mercury*, a magazine published by the students of the College, is under the supervision of the English Department and seeks to encourage creative writing by the students.

*The Spectrum*, an annual published by the undergraduates, contains pictorial representations of the College with its various organizations, activities, surroundings, and information about students.

*The Woman's League Bulletin*, published in December of each year, is a summary of the work of the League for that year.

All the periodicals aim at improving communication between the College and its graduates, former students, and friends. These enterprises are cordially commended to the patronage of those interested in the welfare of the institution.

### *Radio Workshop*

A student radio station, WWGC, has its studio on the third floor of Breidenbaugh Science Hall and broadcasts a variety of programs regularly during the college year.

### *Debating*

There are two debating clubs, one for men and one for women. Each group engages in a number of debates each season with various colleges throughout the United States.

### *Speakers' Bureau*

All students registered for Advanced Public Speaking are required, and other students are invited, to become members of the Speakers' Bureau. This Bureau is a public service organization which provides speakers for various clubs and meetings in Gettysburg and adjacent communities.

### *The Student Chest*

On petition from the Campus Senate, representing the student body, the Board of Trustees adopted a system known as the Student Chest for coordinating the finances of student organizations. This system eliminates

requests and campaigns for money by student groups and substitutes a student fee of \$7.50 per semester. This fee is payable to the College Treasurer at the beginning of each semester and is distributed by the Treasurer of the fund at the direction of the Student Chest Committee to the various student organizations.

### *The Campus Senate*

The Campus Senate, created several years ago to replace the Student Council, consists of four members of the Faculty and one student representative from each of the active groups on the campus.

The basic functions of the Senate are to represent the student body in the formulation of school policies and to promote cooperation among the Administration, Faculty, and Students.

Besides fostering this policy, the Senate assumes responsibility for the Men's Tribunal, conducts each fall a Freshman campfire, conducts class elections, nominates candidates for the Zimmerman prize, and considers problems of the student body as a whole.

### *The Inter-Fraternity Council*

The Inter-Fraternity Council, composed of representatives from each of the fraternities on the campus, acts as the coordinating agency in fraternity affairs and activities. This group sponsors the inter-fraternity dances, supervises intramural sports, establishes rules for rushing, and conducts a general program designed to promote harmonious relations among the fraternities.

### *The Pan-Hellenic Council*

The Pan-Hellenic Council is composed of a Senior and Junior member from each of the four national sororities represented on the campus. The Council, functioning as a governing body, regulates inter-sorority relations and strives to foster harmony between sorority and independent women.

### *Phi Beta Kappa*

The Gettysburg chapter of Phi Beta Kappa was organized on January 11, 1923. A maximum of 10 percent of the Senior Class may be elected to

this honor society each year. Candidates for membership must show promise of both intellectual and moral leadership and must possess a broad general culture as well as a distinguished academic record.

## *Fraternities, Sororities, and Societies*

### *National Social Fraternities and Sororities*

College fraternities and sororities are dedicated to the high ideals of friendship and service. Through their activities in behalf of the individual, the group, the college, and the community, they play a vital role in campus life.

At Gettysburg there is mutual cooperation among the College, the fraternities, the sororities and the student body. The College realizes that these societies, functioning properly, aid it in achieving its objectives.

On the campus at Gettysburg are 12 fraternities—10 national and two local—and four national sororities.

Alpha Tau Omega

Alpha Xi Delta

Chi Omega

Delta Gamma

Kappa Delta Rho

Lambda Chi Alpha

Phi Delta Theta

Phi Gamma Delta

Phi Kappa Psi

Phi Mu

Phi Sigma Kappa

Sigma Alpha Epsilon

Sigma Chi

Tau Kappa Epsilon

### *Local Fraternities*

Alpha Theta Chi

Phi Kappa Rho

### *National Honorary and Professional Fraternities and Sororities*

Alpha Kappa Alpha: a society for students of Philosophy.

Arnold Air Society: a society for superior students in the Advanced Course of Air R.O.T.C.

Beta Beta Beta: a fraternity for students of Biology.

Delta Phi Alpha: a German language society.

Eta Sigma Phi: an undergraduate fraternity for students of the Classics.

Kappa Delta Epsilon: a professional Education sorority.

Kappa Phi Kappa: a professional undergraduate Education fraternity.

Pershing Rifles: a military society for students in the Basic Course of Army R.O.T.C.

Phi Alpha Theta: a fraternity for majors in History.

Phi Sigma Iota: a society for students of the Romance Languages.

Pi Delta Epsilon: a journalistic society.

Pi Lambda Sigma: a fraternity for majors in Political Science and Economics.

Psi Chi: a society for students of Psychology.

Scabbard and Blade: a military society for students in the Advanced Course of Army R.O.T.C.

Sigma Pi Sigma: a society for students of distinction in Physics.

Tau Kappa Alpha: a society for students excelling in forensics.

### *Local Honorary and Professional Clubs*

El Círculo de Español: a club fostering the study of Spanish and Spanish-American culture.

Gettysburg Honor Society: a society comprised of students excelling in scholarship and extracurricular activities who, in association with the faculty, are dedicated to the attaining of a superior Gettysburg College.

Le Cercle Francais: a club offering an opportunity to acquire fluency in speaking French.

Pen and Sword: a society honoring Juniors and Seniors of outstanding achievement in activities or athletics.

Pre-Ministerial Association: an organization for students preparing for the ministry.

Sceptical Chymists: an organization of students in Chemistry.

Tertulia Española: a club encouraging fluency in speaking Spanish.

### *Other Organizations*

Alpha Phi Omega: a national service fraternity pledged to develop friendship and to promote service to the College, the community, and the nation.

Booster Club: a club consisting of representatives of various campus groups originated to stimulate college spirit and athletic interest within the student body.

Gavel Club: a club designed to increase the effectiveness of the fraternities through efficient leadership.

Independent Men: an organization designed to provide for the general welfare of those men who are not members of fraternities.

Independent Women: an organization of non-sorority women designed to promote the social welfare of its members.

- International Club: a club dedicated to the promotion of world peace.
- Modern Book Club: a club fostering the study and critical appraisal of contemporary literature.
- Outing Club: a club sponsoring those outdoor activities for which the College provides no formal program.
- Women's Athletic Association: an organization sponsoring individual, group, intramural, and intercollegiate sports for women students.

## *Athletics*

### *Intercollegiate Athletics*

In order to conduct through a democratic, cooperative, and understanding agency a comprehensive athletic program for the students of Gettysburg College, the Board of Trustees of the College has authorized an Athletic Council to organize, promote, and administer the intercollegiate and intramural athletic programs.

The College maintains membership in the National Collegiate Athletic Association, the Eastern Collegiate Athletic Conference, and the Middle Atlantic States Collegiate Athletic Conference.

The program of intercollegiate activities for men includes football, cross-country, basketball, soccer, baseball, tennis, golf, wrestling, track, and swimming.

The program of activities for women includes field hockey and basketball.

### *Intramurals*

The intramural program is designed to afford opportunities for all students not on varsity squads to enjoy the benefits of participation in sports. Competitive teams are organized from the fraternities, sororities, and independent groups. Team awards are made for team activities; individual awards for success in individual sports. Intramural activities are conducted under the supervision of an Intramural Council, consisting of the Director of Intramurals, who is a member of the Physical Education Department; the Director of Athletics; the varsity coaches; the sports editor of the campus newspaper; the president of the Interfraternity Council; the president of the Campus Senate; one independent representative; and two student representatives from the Athletic Council.

*The Intramural Program for Men* has an extensive program of activities which includes touch football, volleyball, basketball, foul-shooting, tennis, softball, table-tennis, and swimming.

*The Intramural Program for Women* is conducted by the Director of Women's Physical Education, with the assistance of the Women's Athletic Association, and aims to maintain interest in sports and to promote good sportsmanship. The Women's Athletic Association, organized under an Executive Committee and a "sports" board comprised of student managers for each sport, includes as members all women students.

Activities are organized on the basis of sororities and independents and include the following: field hockey, basketball, volleyball, softball, bowling, tennis, and table tennis.

# Honors, Prizes, and Scholarships

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## Honors

The following honors are awarded at the close of each academic year:

*Valedictorian and Salutatorian.* The Senior who has the highest scholastic average for the last three years (including the Comprehensive Examination when required) shall be named Valedictorian, and the second highest shall be named Salutatorian. Only those Seniors are eligible who have been in residence during their entire course.

*Final Honors.* A student who passes the Comprehensive Examination "with distinction" and whose average rating for four years is 2.90 or above on the Quality Point scale will receive his degree *summa cum laude*; if the rating is 2.60 or above, *magna cum laude*; if the rating is 2.30 or above, *cum laude*. Only those Seniors are eligible who have been in residence during their entire course.

*Departmental Final Honors.* A student who has been recommended by his major department, who has passed the Senior Comprehensive Examinations "with distinction," who has submitted a thesis (or equivalent) satisfactory to his department, and who has a quality point average of not less than 2.75 in the subjects of his major during the last three years, will be awarded *Departmental Final Honors* in his major department. A transfer student entering as a Junior may win Departmental Final Honors on the basis of the work of the last two years. No student with less than two years of residence may win this award.

*Class Honors* for Freshman, Sophomore, Junior, and Senior years. *Highest Class Honors* for the year will be awarded to those students who have maintained the grade of *A* in all their studies throughout the year. *Class Honors* for the year will be awarded to those who have maintained the grade of *A* in at least half of the work of the year and do not have a grade below *B* in any of their studies for the year.

Advanced credits granted to veterans for work in United States Armed Service Schools shall be counted as residence credits in awarding all honors.

These awards are published in the Commencement Programs and the Catalog issues of the *Bulletin*.

*Dean's Scholastic Honor List.* Any student who attains a scholastic average of 2.50 in any semester is honored by the Faculty for scholastic excellence. The list of students so honored is publicized in the *Gettysburgian* and on the bulletin board.

### Prizes

The following prizes are offered annually for outstanding scholarship and achievement:

*Baum Mathematical Prize:* The income from \$500, contributed by Charles Baum, M.D., Ph.D., Class of 1874, of Philadelphia, is given annually to the Sophomore showing the greatest proficiency in Mathematics.

*The Charles W. Beachem Athletic Award:* The Student Christian Association presents, each year, an award in memory of Charles W. Beachem, a member of the Class of 1925 and first Alumni Secretary of the College. The award, based on Christian character, scholarship, and athletic achievement, is given to a member of the Senior Class.

*Chi Omega Social Science Award:* The sum of \$25 is given by the National, Active, and Alumnae groups to the Junior or Senior girl excelling in Social Sciences. This award is sponsored by the national fraternity and given in every college which has an active Chi Omega chapter.

*Class of 1916 Prize:* The sum of \$25 is awarded to the Sophomore who has given most of himself or herself to the College.

*Delta Gamma Alumnae Association Award:* The sum of \$25 is given to the Junior girl who has made the greatest contribution to the College.

*Delta Phi Alpha Prize:* A valuable book on German culture is awarded to the outstanding student for the year in the German Department.

*Edwin and Leander M. Zimmerman Senior Prize:* The interest on \$1,000 is given to the Senior whose character, student influence, and scholarship have contributed most to the upbuilding of the College.

*Franklin Moore Award:* This award, the income from an endowment of \$6,500, is given annually to the member of the graduating class of Gettysburg College who through his or her four years as an undergraduate of Gettysburg College has shown the highest degree of good citizenship and who by his or her character, industry, enterprise, initiative, and personal

activities has contributed the most toward campus morale and the prestige of Gettysburg College.

*Graeff English Prize:* This prize was founded by John E. Graeff, Class of 1843. The interest of a fund of \$500 is awarded for the best English essay from a member of the Senior class on a subject previously assigned.

*Hassler Latin Prize:* A fund of \$500, contributed by Charles W. Hassler, the interest of which is annually awarded to that student of the Junior class who, at the end of the year, shall be rated as the best Latin student.

*John Alfred Hamme Award:* Established in 1948-9 by John Alfred Hamme, York, Pa., it awards the sum of \$50 to the Junior who has demonstrated in the highest degree the qualities of loyalty, kindness, courtesy, true democracy, and leadership.

*Military Memorial Prize:* The interest from a fund of \$500, contributed by the alumni and friends of Gettysburg College, is to be awarded annually to the student who has attained the highest standing in either the first or second year of the Advanced Course as a member of the Reserve Officers' Training Corps.

*Muhlenberg Freshman Prize:* The interest of a fund of \$500 contributed by F. A. Muhlenberg, D.D., LL.D., a former professor at Gettysburg College, is given at the close of each year to that member of the Freshman class taking Latin or Greek or both who is found to have attained the highest general scholarship average.

*Nicholas Bible Prize:* The income from a fund of \$500 established by the Rev. J. C. Nicholas, D.D., Class of 1894, is annually awarded to that member of the Senior class who has done the best work in advanced courses in Biblical Literature and Religion.

*Phi Sigma Iota Prize:* The sums of \$5 and \$2.50 are given to the two members presenting the best papers to the fraternity.

*Samuel Garver Greek Prize:* The income from a fund of \$500 established by the Rev. Austin S. Garver, A.M., Class of 1869, in memory of his father, Samuel Garver, is annually awarded to the student who has made the greatest progress in Greek during his Freshman year.

*Samuel Garver Latin Prize:* The income from a fund of \$500 established by the Rev. Austin S. Garver, A.M., Class of 1869, in memory of his father, Samuel Garver, is annually awarded to the student who has made the greatest progress in Latin during his Freshman year.

*Samuel P. Weaver Scholarship Foundation:* Established by Dr. Samuel P. Weaver, President of the Great Northwest Life Insurance Company, this

foundation awards the sum of \$40 to that member of the student body who writes the best essay on an assigned topic in the field of constitutional law and government.

*Sceptical Chymists Prize:* The sum of \$10, to encourage the presentation of meritorious talks, is awarded annually by the Sceptical Chymists to the member or pledge who delivers the best speech before the Society during the year.

*Stine Chemistry Prize:* The income from a fund of \$1,000 established by Charles M. A. Stine, Ph.D., Sc.D., LL.D., Wilmington, Del., Class of 1901, is awarded annually at the end of the Senior year to a student majoring in Chemistry. The winner of the prize is determined on the basis of his Chemistry grades, laboratory techniques, personality, general improvement in four years, and proficiency in the subject at the time of his selection.

Note: Only students who have been in residence during all of the period for which prizes are designated are eligible for the awards.

### *Scholarships and Aids for Students*

All scholarships are granted for one year only but are renewable if conditions warrant. All scholarship grants here referred to are applied directly to the students' College bills.

*Qualifications for a Scholarship.* In harmony with the action of other church-related colleges, Gettysburg has abolished special-category scholarships, such as those formerly given to the children of ministers and to athletes. This action does not necessarily deny a scholarship to the son or daughter of a minister or to an athlete, but imposes the same qualifications of character, ability, and need as apply to all other applicants.

*Application for a Scholarship.* All applications for scholarship aid should be made in writing to the President of the College before June 1 of each year. New students may obtain scholarship application forms from the President's Office after their applications for admission have been accepted by the *Committee on Admissions*.

### *College Scholarships*

The returns from a substantial endowment have been set aside to assist worthy students who cannot attend college without help. These scholarships are granted for a one-year period on the bases of character,

ability, and need. The amount of the scholarship varies with the need of the applicant.

### *Endowed Scholarships*

*Bateman Scholarship:* The Rev. Sydney E. Bateman, M.D., Class of 1887, has established a scholarship fund of \$500, the income from which is awarded each year to a needy student preparing for the ministry. Applications for this scholarship must be handed to the President before June of the College year.

*Blough Scholarships:* Burton F. Blough, a former member of the Board of Trustees, established a scholarship endowment fund yielding three \$100 scholarships.

*Clarence A. and Myrtle B. Eyler Scholarship:* The interest on a fund of \$5,000 is available each year toward the payment of the tuition of a deserving student.

*Class of 1909 Fund:* A revolving loan fund inaugurated by the Class of 1909 has been established for the purpose of aiding worthy students.

*The Henry W. A. Hanson Scholarship Foundation:* This award was established by the Board of Trustees of Gettysburg College in honor of Henry W. A. Hanson and in recognition of his leadership and of his distinguished service to Gettysburg College and to the cause of education in the Lutheran Church and in the nation. The recipient shall be chosen from the members of the Senior Class who have successfully passed the Graduate Record Examination. If the Senior elected cannot accept, the next qualified candidate can be elected. If no member of the Senior Class is chosen, the Committee may select a member of a previous class. The grant is \$500 per year. No award of more than \$500 can be granted to any one student for any one year.

*Dr. Joseph B. Baker and Rena L. Baker Scholarship Fund:* The income from \$2,500 is to be given each year to a needy and deserving student in the Music Department to provide for special lessons in that department.

*Dr. John E. Meisenhelter Scholarship:* This award is the income from a bequest establishing a scholarship amounting to \$300 per year. The principal is held in the permanent Endowment Fund.

*Kirschner Scholarships:* Mr. and Mrs. C. J. Kirschner have established a scholarship endowment fund of \$10,000 to perpetuate the memory of their son, Alvan Ray Kirschner, who lost his life in World War I. The income is divided into two scholarships, which are awarded to students

under certain conditions which give preference to those from Hazleton and vicinity. Applications for the use of these scholarships should be made directly to Mr. C. J. Kirschner, Hazleton, Pa.

*McCullough Scholarship:* Mr. and Mrs. Charles B. McCullough have established the McCullough Scholarship as a memorial to their son, Charles B. McCullough, Jr. The annual income of this scholarship is awarded to two students at Gettysburg College on the bases of character, need, and ability.

*Margaret E. Fisher Memorial Fund:* Nelson E. Fisher has contributed a fund of \$5,000 in memory of his mother, Margaret E. Fisher, the interest on which is to be applied to the tuition of the athlete who excels in one or more major sports and who achieves the highest scholastic average among winners of varsity letters.

*Miller-Dewey Education Fund:* The income from a fund of \$10,000 established by the late Rev. Adam B. Miller, A.M., a member of the Class of 1873, is annually available for the purpose of aiding deserving persons in obtaining an education at Gettysburg College. The graduates of Loysville Orphans Home have the first claim on these scholarships.

*Nellie and Bernard Oller Memorial Scholarship:* The interest on a fund of \$5,000, bequeathed by Mrs. Ida R. Gray, is available each year toward the payment of the tuition of a deserving student. This scholarship is awarded under certain conditions which give preference to students from Waynesboro, Pennsylvania.

*Rufus B. Weaver Scholarship Foundation:* The interest from a fund established by the widow of Rufus B. Weaver, a graduate of the College in 1862, is devoted to scholarships for deserving students.

*Stine Scholarships:* Charles M. A. Stine, Ph.D., Class of 1901, has established an endowment fund which makes available three \$100 scholarships known as the Milton H. Stine Scholarships. These are awarded each year to young men preparing for the Christian ministry. Dr. Stine established these scholarships in honor of his father and mother.

*Wellington Scholarship:* The interest on a fund of \$5,000, bequeathed by Senator George L. Wellington, is available each year toward the payment of the tuition of a deserving student.

### *Loan Fund*

*Alumni Loan Scholarship Fund:* By resolution of the Alumni Council a portion of Loyalty Fund collections has been set aside as a Loyalty Student Loan Fund which is available only to members of the Senior Class. The funds so allocated may be lent to a student on his or her note, with at least one approved endorser, and shall be without interest until one year after the borrower's class graduates from Gettysburg College, and thereafter shall bear interest at the rate of six per cent per annum.

*Rothfuss Loan Scholarship:* E. Lloyd Rothfuss, M.D., Class of 1916, has established a memorial to his father and mother, Charles H. Rothfuss and Martha Huffman Rothfuss, in the form of a \$5,000 loan scholarship fund. This fund is to be administered under terms similar to those of the *Alumni Loan Scholarship Fund*.

### *Additional Aids*

Students enrolled in the Reserve Officers' Training Corps receive uniforms from the War Department during the Elementary Courses. Students enrolled in Advanced Courses of ROTC receive garrison rations plus the necessary uniforms (a total of about \$700 in two years including one six weeks' summer camp).

Part-time employment for a considerable number of students is provided by the College through the S.C.A. Employment Bureau and the Dean's Office.

# Courses of Instruction

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## General Education Courses

In view of the growing complexity of our civilization and our increasing awareness of individual responsibility, it has become apparent that premature specialization and the departmental isolation of students and teachers are no longer either ethically defensible or socially practicable. An education valid for our world must find its basis in an integrated understanding of man in his essential roles: as living creature in the natural universe, as inheritor of a rich and significant past, as participant in human institutions, and as discoverer (and creator) of patterns and values which give meaning to human existence. Similarly, the wise choice of a vocation and adequate training in its special techniques must be based upon an inclusive knowledge of the chief fields of human endeavor and some appreciation of the special potentialities and obligations of the various callings.

In an attempt to provide such foundations for its students, the College has established the following general courses, to which others may later be added. The first two are required of all students.

### 1. INTRODUCTION TO CONTEMPORARY CIVILIZATION

MR. BLOOM, MR. CRAPSTER, MR. DUNKELBERGER, MR. FORTENBAUGH, MR. GLATFELTER, MR. JARVIS, MR. JOHNSON, MR. LANGERHANS, MR. MATHIAS, MR. RAITH, MR. RICHARDSON, MR. SCHUBART, MR. SMOKE, MR. STIPE

A general education course introducing the student to the backgrounds of contemporary social problems through the major concepts, ideals, hopes, and motivations of western culture since the Middle Ages. *Six semester hours credit.*

Required of all Freshmen. Three hours, throughout the year.

### 2. LITERARY FOUNDATIONS OF WESTERN CULTURE

MR. AHRENS, MR. ARMS, MR. HARTSHORNE, MR. MASON, MR. SHAFFER, MR. SMITH, MRS. TAYLOR, MR. WARTHEN, and MR. WOLFINGER

An introduction to the ideas and forms of Western thought, presented through reading and interpretation of selected classics: Homer through St. Augustine and Dante through Goethe. *Six semester hours credit.*

Required of all Sophomores. Three hours, throughout the year.

### 3. WORLD LITERATURE SINCE 1800

MR. SUNDERMEYER

The forming of contemporary thought in literary masterpieces of East and West.

*Six semester hours credit.*

Elective for Juniors and Seniors. Three hours, throughout the year.

## *Departmental Courses*

### *Bible*

#### (Biblical Literature and Religion)

*Professor WALTEMYER, Associate Professor DUNKELBERGER, Chaplain STIPE, and Instructors  
ECKHARDT and SLEE*

Requirements for a major include 24 semester hours: Greek 6 and Philosophy 12 may be included. Courses 1a and 1b are prerequisite for all other courses in the department and may be counted toward a twelve-hour minor. Pre-theological students majoring in this department are required to have a minor in Greek.

- 1a. OLD TESTAMENT HISTORY MR. WALTEMYER, MR. DUNKELBERGER,  
MR. STIPE, MR. ECKHARDT, and MR. SLEE

The rise and progress of the Hebrew people with emphasis upon the religious truths which, through them, were communicated to the world in preparation for the advent of Christ.

*Three semester hours credit.*

Required of all Freshmen.

Three hours, first semester.

- 1b. LIFE OF CHRIST MR. WALTEMYER, MR. DUNKELBERGER,  
MR. STIPE, MR. ECKHARDT, and MR. SLEE

The external aspects of Christ's life as it presented itself to those who witnessed it, with a view to an understanding of its eternal significance. *Three semester hours credit.*

Required of all Freshmen.

Three hours, second semester.

4. CHURCH HISTORY MR. WALTEMYER

An extension of the study of Christianity beyond its Biblical limits, as a continuous religious development from its New Testament origins to the present.

*Six semester hours credit.*

Three hours, throughout the year.

5. LITERARY STUDY OF THE BIBLE MR. DUNKELBERGER

The literary forms of the Bible as a guide to appreciation of its inward spirit.

*Two semester hours credit.*

Two hours, second semester.

Not given 1952-1953.

6. EVIDENCES OF CHRISTIANITY MR. DUNKELBERGER

The theistic evidences and the proofs of the presence and action in the world of a supernatural redemptive power as these appear in the first Christian documents, and in Christian history, dealing with the questions which arise in the effort to intellectualize the content of the Christian revelation. *Three semester hours credit.*

Three hours, first semester. Alternates with Course 13.

Not given 1952-1953.

## 8. RELIGIONS OF THE WORLD

MR. WALTEMYER

A survey of the history and content of the great religions of the world, with a view to their comparison with Christianity and to a better understanding of the peoples of our day.

*Three semester hours credit.*

Three hours, second semester. Alternates with Course 14.

Not given 1952-1953.

## 10. NEW TESTAMENT HISTORY AND LITERATURE

MR. WALTEMYER

The spread of Christianity from Jerusalem, through Palestine, to Antioch, through Asia Minor to Greece and then to Rome, with emphasis on the life and writings of Paul.

*Three semester hours credit.*

Three hours, first semester.

## 12. THE HEBREW PROPHETS

MR. DUNKELBERGER

The prophets and their times, with a view to discovering the abiding principles contained in their messages. Effort is made to relate these principles to the present social order.

*Two semester hours credit.*

Two hours, second semester.

## 13. CONTEMPORARY RELIGIOUS THOUGHT

MR. DUNKELBERGER

An examination of the ideas of the religious leaders of our times and a consideration of major religious emphases to-day.

*Three semester hours credit.*

Three hours, first semester.

## 14. INTRODUCTION TO RELIGIOUS EDUCATION

MR. WALTEMYER

The principles and methods of modern religious education applicable to the Sunday School, the week-day Church School, and the Daily Vacation Bible School.

*Three semester hours credit.*

Three hours, second semester.

## 15. PSYCHOLOGY OF RELIGION

MR. DUNKELBERGER

A survey of thought in the field of the psychology of religion as developed by William James, James Leuba, J. B. Pratt, E. D. Starbuck and a few others, together with the significant problems of religious personality and its development.

*Two semester hours credit.*

Two hours, second semester.

## *Biology*

*Professor BOWEN, Associate Professor MESSER, Assistant Professor HENSLEY, Instructor GRUBE, and Assistants*

Requirements for a major include a minimum of 32 semester hours, as approved by the adviser. A premedical major in Biology includes Biology 1, 2, 3, 4, and 5 and such courses in Physics, Chemistry, English, and modern foreign languages as are arranged with the adviser.

## 1. GENERAL BIOLOGY

MR. HENSLEY, MR. GRUBE, and ASSISTANTS

Basic principles of structure and function in plants and in animals, including man.

*Eight semester hours credit.*

Three class hours and three laboratory hours, throughout the year.

**2. VERTEBRATE ZOOLOGY****MR. MESSER**

Detailed examination of representative vertebrates, with special emphasis upon comparative anatomy, the physiological importance of organs, and the relationships existing among the various groups of vertebrate animals. *Four semester hours credit.*  
Prerequisite: Biology 1. Three class hours and three laboratory hours, first semester.

**3. MAMMALIAN ZOOLOGY****MR. MESSER**

Detailed structure of a typical mammal and an introduction to human anatomy and physiology. *Four semester hours credit.*  
Prerequisites: Biology 1 and 2. Three class hours and three laboratory hours, second semester.

**4. EMBRYOLOGY****MR. BOWEN**

Development from the germ cells to the establishment of the principal organs of the body, including both the anatomy and physiology of development. *Four semester hours credit.*  
Prerequisites: Biology 1 and 2. Three class hours and three laboratory hours, second semester.

**5. HISTOLOGY****MR. BOWEN**

The microscopic structure of the fundamental tissues and principal organs of the animal body, including the techniques of preparing materials for examination. *Four semester hours credit.*  
Prerequisites: Biology 1 and 2. Three class hours and three laboratory hours, first semester.

**6. BOTANY****MR. GRUBE**

A survey of plants, including their structures, physiological activities, and relations to man. Emphasis on field work. *Three semester hours credit.*  
Prerequisite: Biology 1. Two class hours and three laboratory hours, first semester

**7. FIELD WORK IN BIOLOGY****MR. GRUBE**

The identification and distribution of plants and animals and the mutual relations between organisms and their environment. Particular emphasis upon the identification of birds. *Three semester hours credit.*  
Prerequisite: Biology 1. Two class hours and three field or laboratory hours, second semester.

**8. GENERAL PHYSIOLOGY****MR. BOWEN**

The mechanics and dynamics of living matter, with special reference to man. *Eight semester hours credit.*  
Prerequisites: Biology 1 and 2. Three class hours and three laboratory hours, throughout the year.

**9. BIOLOGICAL SEMINAR****MR. BOWEN**

The use of scientific publications, including recent biological texts and current journals. *Four semester hours credit.*  
Course offered to Junior and Senior Biology majors only. Two class hours, throughout the year.

## 10. GENETICS

The fundamental principles of genetics as observed in common plants and animals, including man, and the relationships between genetics and development, physiology, and evolution. *Two semester hours credit.*

Prerequisite: Biology 1. Two class hours.

Not given 1952-1953.

## 11. GENERAL BACTERIOLOGY

The nature and importance of microorganisms, including yeasts, molds, bacteria, and pathogenic protozoa. *Eight semester hours credit.*

Prerequisite: Biology 1. Three class hours and three laboratory hours, throughout the year.

Not given 1952-1953.

## 12. ECOLOGY

MR. HENSLEY

The major natural regions of the earth, particularly North America, and the adaptations of living organisms to their environments. Emphasis on animal associations. *Two semester hours credit.*

Prerequisite: Biology 1. Two class hours, first semester.

## 13. PROBLEMS IN BIOLOGY

An introduction to special techniques and methods in biological investigation.

*Maximum credit of two semester hours each semester.*

Offered to Junior or Senior Biology majors who have the approval of the department for this particular course.

Hours and credit as arranged.

Not given 1952-1953.

## 14. CONSERVATION

MR. GRUBE

An introduction to the general principles of conservation including the management of forests, soils, waters, fishes, birds, and mammals, and their importance in economic and cultural life. *Two semester hours credit.*

No prerequisites. Two class hours, second semester.

## 15. PREHISTORIC LIFE

MR. BOWEN

An introduction to the geologic history of plants and animals from the development of life to the beginning of historic time. *Two semester hours credit.*

No prerequisite. Two class hours, second semester.

Not given 1952-1953.

## Chemistry

*Professor ZINN, Associate Professors SLOAT and WEILAND, and Assistants*

Requirements for a major include 1, 2a, 2b, 4 and 5. Premedical majors in Chemistry need in addition such courses in Biology, Physics, English, and modern foreign languages as are necessary to meet the requirements of the medical school of the student's choice. Other Chemistry majors may take advanced courses according to their needs and upon the advice of the head of the department.

1. GENERAL CHEMISTRY MR. ZINN, MR. SLOAT, MR. WEILAND, and ASSISTANTS  
The occurrences, properties, uses, and methods of preparation of the more common elements and their compounds and the theoretical principles involved. Special emphasis is placed upon the scientific method of reasoning and the application of chemical principles through the solving of problems. *Eight semester hours credit.*  
Two lectures, one recitation, and three laboratory hours, throughout the year.
- 2a. QUALITATIVE ANALYSIS MR. WEILAND  
The methods commonly used in the analysis of salt mixtures, alloys, and silicates. Emphasis is placed on the theoretical aspects of the subject. *Four semester hours credit.*  
Prerequisites: Chemistry 1 and Mathematics 1 and 2. Two lectures and six laboratory hours, first semester.
- 2b. QUANTITATIVE ANALYSIS MR. WEILAND  
Theory and practice of gravimetric and volumetric analysis. Familiarity with the work and principles is sought through the solution of problems. *Four semester hours credit.*  
Prerequisite: Chemistry 2a. Two lectures and six laboratory hours, second semester.
3. ADVANCED ANALYTICAL CHEMISTRY MR. WEILAND  
Lectures on the general principles of gravimetric, volumetric, electrolytic, and other methods. Laboratory application of typical methods. *Four semester hours credit.*  
Recommended to prospective graduate students and industrial chemists.  
Prerequisites: Chemistry 1, 2a, and 2b. Six laboratory hours, throughout the year.
4. ORGANIC CHEMISTRY MR. ZINN  
Systematic study of the compounds of the aliphatic and aromatic series with special emphasis upon relationships and synthesis of the more common compounds together with the study of their properties and technique of preparation in the laboratory. *Eight semester hours credit.*  
Prerequisite: Chemistry 1, 2a, 2b. Three lectures and three laboratory hours, throughout the year.
5. PHYSICAL CHEMISTRY MR. SLOAT  
Fundamental atomic and molecular theory, electron conception of valence, complex compounds, gases, solids, energetics, liquids, solutions, colloids, conductance, electromotive force, ionic equilibria. Chemical equilibria, physical properties of matter, and phase rule. Laboratory illustration of such of these principles as are of theoretical interest or of particular service in medical school or industrial practice. *Eight semester hours credit.*  
Prerequisites: Chemistry 1, 2a, and 2b, Physics 102, and Mathematics 6. Three lectures and three laboratory hours, throughout the year.
6. SPECIAL QUANTITATIVE METHODS  
A course designed to acquaint the student with a large variety of the methods and apparatus used in the analysis of minerals, alloys, iron and steel, gases, water, carbon and nitrogen compounds, foodstuffs, and natural and artificial products by modern gravimetric, volumetric, electrometric, potentiometric, polarigraphic, colorimetric, and photometric methods. *Hours and credit as arranged up to four semester hours.*  
Prerequisites: Chemistry 1, 2a, 2b, and 3.

## 8. ADVANCED ORGANIC CHEMISTRY

MR. ZINN

Special topics in organic chemistry. Organic analysis and advanced preparations constitute the laboratory work. Recommended to prospective graduate students and industrial chemists.

*Eight semester hours credit.*

Prerequisite: Chemistry 4. Two lectures and six laboratory hours, throughout the year.

## 9. TEACHER'S COURSE

MR. SLOAT

A course designed to acquaint the prospective teacher with the practical aspects of administration and conduct of an elementary course in Chemistry. It consists of three hours of practical laboratory and a one hour seminar in which the student studies and becomes familiar with such subjects as the historical background of chemistry, the use of the scientific method in teaching chemistry, the selection and evaluation of texts, the problems of the teacher, the conduct of science and photographic clubs, the study of scientific periodicals and reference books, the conduct of research, the writing of technical papers, the care of the stock room, and the ordering of chemicals. Required of prospective teachers and graduate students.

Open to Juniors and Seniors.

*Four semester hours credit.*

One lecture and three laboratory hours, throughout the year.

*Dramatic Arts**Professor ARMS*

## 1b. APPRECIATION OF THE THEATER

MR. ARMS

Current plays of the English-speaking stage discussed in detail.

*Two semester hours credit.*

One hour, throughout the year.

## 2. COACHING OF AMATEUR PLAYS

MR. ARMS

Methods of directing and producing amateur plays.

*Four semester hours credit.*

Two hours, throughout the year.

*Economics and Business Administration*

*Professor STOKES, Associate Professor LARKIN, Assistant Professors WILLIAMS and BAIRD, Instructor GLATFELTER, and Assistants*

Requirements for a major include a minimum of 30 hours, including Economics 4, as approved by the adviser. Economics 3 is a prerequisite for all courses in Economics except 1, 2, and 4. With the adviser's approval, Mathematics 21 (Mathematics of Investment), Mathematics 23 (Statistics), Mathematics 25 (Costs and Depreciation), and History 5 (American Economic History), may be used as part of the course requirements for a major in Economics.

## 1. ECONOMIC GEOGRAPHY

MR. WILLIAMS and MR. GLATFELTER

The location and use of the world's economic resources. The course aims to provide a background for understanding industrial, commercial, and agricultural opportunities and limitations, with emphasis on climate, topography, population, and essential resources.

*Three semester hours credit.*

Open only to Freshmen, excepting with special permission of department. Three hours, first semester.

## 2. INDUSTRIES OF THE UNITED STATES

MR. WILLIAMS and MR. GLATFELTER

A survey of American industries, with emphasis on the origin, nature, and development of selected industries. Attention will be focused on the geographic basis, historical evolution, and current economic position and problems.

*Three semester hours credit.*

Freshman course. Three hours, second semester.

## 3A. PRINCIPLES OF ECONOMICS

A survey of the existing and changing economic order. An analysis of basic factors of production, exchange, distribution, and consumption of wealth. This course is designed to meet the requirements in economics of those who wish to be certified to teach social studies in the public schools of Pennsylvania. This course is not acceptable in partial fulfillment of the major and minor requirements of the department.

*Three semester hours credit.*

Three hours, second semester.

## 3. PRINCIPLES OF ECONOMICS

THE STAFF

A study of economic principles, problems, and policies with special emphasis on production, value, money, wages, interest, rent, profits, and consumption.

*Six semester hours credit.*

Sophomore course. Three hours throughout the year.

Required of all majors and minors in Economics. Recommended for all Political Science majors.

## 4. ELEMENTARY ACCOUNTING

MR. BAIRD

Fundamental principles of modern accounting procedure, together with underlying basic financial statements and documents.

*Six semester hours credit.*

Sophomore and Junior course. Three class hours and two practice hours, throughout the year.

## 5. INTERMEDIATE ACCOUNTING

MR. BAIRD

Analysis of advanced accounting procedures necessary to satisfy the demands of modern management, creditors, owners, potential investors, and governmental requirements.

*Six semester hours credit.*

Junior and Senior course. Prerequisite: Economics 4. Three hours, throughout the year.

## 6. CORPORATION FINANCE

MR. LARKIN

The organization and operation of corporations with special emphasis on their methods of obtaining and using capital.

*Six semester hours credit.*

Prerequisite: Economics 4. Senior course. Three hours, throughout the year.

## 8. MARKETING ORGANIZATION

MR. LARKIN

Methods, middlemen, and institutions employed in moving agricultural, industrial, and consumers' goods to market.

*Three semester hours credit.*

Junior course. Three hours, first semester.

## 9. MARKETING PRACTICES AND POLICIES

MR. LARKIN

Price policies, market analysis, and market management.

*Three semester hours credit.*

Prerequisite: Economics 8. Junior course. Three hours, second semester.

**10. BUSINESS LAW****MR. STOKES**

Legal rights and obligations arising out of common business transactions.

*Three semester hours credit.*

Students planning to enter a law school are advised not to take this course.

Junior and Senior course. Three hours, either semester.

**11. LABOR RELATIONS****MR. LARKIN**

Background for understanding and analyzing labor relations. Labor union history, organization, and operation; labor market analysis and employment practices; labor legislation; collective bargaining; the rights and responsibilities of employers and employees.

*Three semester hours credit.*

Prerequisite: Economics 3. Three hours, first semester.

**12. PERSONNEL MANAGEMENT****MR. WILLIAMS**

Scientific labor management and personnel administration. Emphasizes the economic and social background, use of statistical tools and specialized techniques in job evaluation, merit rating, selection and training of workers, and wage determination.

*Three semester hours credit.*

Prerequisite: Economics 11. Senior course. Three hours, second semester.

**13. INDUSTRIAL MANAGEMENT****MR. WILLIAMS**

An introduction to the field of industrial management with special emphasis on economic background, financing, research and engineering, etc. Plant selection, layout, production control, budgeting, purchasing, internal coordination and control.

*Three semester hours credit.*

Senior course. Three hours, first semester.

**14. TRANSPORTATION****MR. LARKIN**

Development, operation, and coordination of rail, motor, and water transportation facilities and their regulation.

*Three semester hours credit.*

Junior and Senior course. Three hours, second semester.

**16. MONEY AND BANKING****MR. STOKES**

A study of the nature and functions of money and credit, credit instruments, monetary standards, classes and functions of banks, commercial bank operations, the structure and operations of the Federal Reserve System, theories of money value, credit control, monetary policy.

*Three semester hours credit.*

Senior course, first semester.

**18. SENIOR SEMINAR****THE STAFF**

Limited to a select number of Senior majors who maintain a B average in the department. This seminar is a requirement for all students in the department who wish to qualify for departmental honors.

*Three semester hours credit.*

Three hours, second semester.

**19. ADVANCED ACCOUNTING****MR. BAIRD**

An advanced course for accounting students designed to develop a critical capacity for understanding, interpreting, and analyzing data with respect to consolidated statements, liquidations, estates and trusts, receiverships and governmental and institutional accounting.

*Three semester hours credit.*

Prerequisite: Economics 5. Three hours, first semester.

## 20. FEDERAL TAXES

MR. BAIRD

An introduction to the study of federal taxes with emphasis on the accounting and management implications of the law. The preparation of returns and the analysis of current problem material will be required. *Three semester hours credit.*

Prerequisite: Economics 5. Three hours, second semester.

## 22. HISTORY OF ECONOMIC THOUGHT

MR. WILLIAMS

An analysis of the main contributions to economic thought from Adam Smith and his immediate predecessors to the present time. *Three semester hours credit.*

Junior or Senior course. Offered in even numbered years.

Prerequisite: Economics 3. Three hours, first semester.

## 24. PUBLIC FINANCE

MR. STOKES

The provision, custody, and disbursement of the resources required for the conduct of government functions, the various types of taxes and their economic effects, fiscal policy, the budget, management of the public debt.

*Three semester hours credit.*

Junior or senior course. Three hours, second semester.

Prerequisite: either Economics 3 or Political Science 1.

Not given 1952-1953. Alternates with Ec. 25.

## 25. INTERNATIONAL ECONOMICS

MR. STOKES

International trade, foreign exchange, international capital movements, tariffs and restrictive trade practices, trade agreements, international monetary agencies.

*Three semester hours credit.*

Junior and Senior course. Three hours, second semester.

## Education

*Professor KRAMER, Associate Professor JOHNSON, Assistant Professor LEE, and Instructor EDDINS*

All students intending to teach should register with the Education Department by April 15th of their Freshman year.

Beginning with the class entering in September, 1949, students preparing to teach must follow a teacher curriculum approved by several states whose requirements are among the most rigid. Each subject-matter department has planned a suitable curriculum for its majors to follow. All must take the following Education courses in the sequence shown below:

Education 1	History of Education in the United States.....	3
Education 2	Junior Combination Course.....	3
Education 5	Educational Psychology.....	3
Education 6	Introduction to High School Teaching.....	3
Education 10	Visual Education.....	3
Education 11	Student Teaching.....	6

Psychology 1, General Psychology, taken in the Sophomore year, is a prerequisite for Education 5. All students except History majors must take History 6, History of the United States and of Pennsylvania, for Pennsylvania certification.

A grade of B or better must be attained in each subject presented for certification.

1. HISTORY OF EDUCATION IN THE UNITED STATES      MR. KRAMER  
Development of education in the United States, with emphasis on Pennsylvania. Special attention is given to the qualifications of a good teacher, rating scales, a Teachers' Philosophy of Education, and professional ethics.  
*Three semester hours credit.*  
Sophomore course. Three hours, either semester.
2. JUNIOR COMBINATION COURSE      MR. JOHNSON  
Philosophy of education; principles of secondary education and school administration; curriculum construction; guidance; child development.  
*Three semester hours credit.*  
Junior course. Three hours, either semester.
5. EDUCATIONAL PSYCHOLOGY      MR. JOHNSON  
Application of the principles of psychology to classroom practice.  
*Three semester hours credit.*  
Prerequisite: Psychology 1. Junior course. Three hours, either semester.
6. INTRODUCTION TO HIGH SCHOOL TEACHING      MR. KRAMER  
High school teaching techniques and classroom management.  
*Three semester hours credit.*  
Junior and Senior course. Three hours, either semester.
10. VISUAL EDUCATION      MR. JOHNSON  
Improvement of teaching technique through the use of visual aids, together with a review of statistical methods, tests, and measurements. *Three semester hours credit.*  
Senior course. Three hours, either semester.  
Open only to students who expect to teach.
11. STUDENT TEACHING      MR. KRAMER  
Consists of 180 hours of observation, participation, and teaching on the secondary school level. Student teaching is open only to a limited number of students, and must be arranged for in the Junior year. *Six semester hours credit.*  
Prerequisite: Education 6, and approval by the Faculty Committee on Student Teachers and by the heads of subject-matter departments. Senior course. Six hours as arranged, either semester.
14. EDUCATIONAL AND PSYCHOLOGICAL MEASUREMENTS      MR. EDDINS  
A comprehensive survey of tests, inventories, instruments, and statistical computations used in psychology and education. *Three semester hours credit.*  
Prerequisite: Psychology 1. Junior and Senior course. Three hours, first semester.
40. PRINCIPLES OF GUIDANCE AND PERSONNEL WORK      MISS LEE  
A general introduction to basic principles of personnel administration for student counselors. *Three semester hours credit.*  
Junior and Senior course. Three hours, second semester.

## *English*

### (Composition, Literature, and Speech)

*Professor WARTHEN, Associate Professor MASON, Assistant Professors WOLFINGER and BOLICH,  
and Instructors TAYLOR, SMITH, SACHS, SCHLACK, and EVELAN*

The requirement for a major is a minimum of 24 semester hours of English literature, including Courses 1, 2a, 4a, 2b or 4b, 6 or 10, and 9 or 12 or 18. Majors who expect to teach in the public schools should take Courses 5a and 13. English A is a prerequisite for all other courses in English.

### COMPOSITION

- A. ENGLISH COMPOSITION MR. WOLFINGER, MR. BOLICH,  
MRS. TAYLOR, MR. SMITH, MISS SACHS, MR. SCHLACK, and MR. EVELAN  
Review of fundamentals of grammar, practice in writing, and interpretative reading. Required of all freshmen. *Six semester hours credit.*  
Three hours, throughout the year.
16. JOURNALISM MRS. TAYLOR  
Introduction to the techniques of newspaper writing and editing. *Two semester hours credit.*  
Two hours, either semester.
17. CREATIVE WRITING MRS. TAYLOR  
Technique of writing essays, short stories, etc. Open to all students, except Freshmen, with the approval of the instructor. *Four semester hours credit.*  
Two hours throughout the year. (Credit granted for one semester or both.)

### LITERATURE

1. ENGLISH LITERATURE MR. MASON  
A survey of English literature from *Beowulf* to the end of the nineteenth century. Required sophomore course for English majors. *Six semester hours credit.*  
Three hours, throughout the year.
- 2a. SHAKESPEARE MR. WARTHEN  
Eighteen plays and recent critical writing about Shakespeare. *Three semester hours credit.*  
Three hours, first semester.
- 2b. ROMANTIC REVIVAL MR. WARTHEN  
Wordsworth, Coleridge, Byron, Shelley, and Keats. *Three semester hours credit.*  
Three hours, second semester.
3. THE ENGLISH NOVEL MR. WARTHEN  
Historical development of the English novel from Defoe to the twentieth century. *Six semester hours credit.*  
Two hours, throughout the year.

- 4a. CHAUCER MR. WARTHEN  
*The Canterbury Tales, Troilus and Criseyde, and several shorter poems.*  
*Three semester hours credit.*  
Three hours, first semester.
- 4b. THE EIGHTEENTH CENTURY MR. WARTHEN  
The chief poets and prose writers of the neo-classical period.  
*Three semester hours credit.*  
Three hours, second semester.
- 6a. AMERICAN POETRY MR. MASON  
From Bryant to Lanier; emphasis on critical interpretation.  
*Three semester hours credit.*  
Three hours, first semester.
- 6b. AMERICAN PROSE MR. MASON  
Selections from the eighteenth and nineteenth centuries. *Three semester hours credit.*  
Three hours, second semester.
9. MODERN DRAMA MR. WOLFINGER  
From Ibsen to O'Neill.  
*Three semester hours credit.*  
Three hours, first semester.
- 10a. ENGLISH DRAMA MR. WOLFINGER  
From the liturgical play to 1660.  
*Three semester hours credit.*  
Three hours, first semester.
- 10b. ENGLISH DRAMA MR. WOLFINGER  
From 1660 to the rise of the New Drama.  
*Three semester hours credit.*  
Three hours, second semester.
11. LITERARY CRITICISM MR. MASON  
Reading and discussion of important critical writings, old and new.  
*Three semester hours credit.*  
Prerequisites: two advanced courses. Senior course. Three hours, second semester.
12. VICTORIAN POETRY MR. MASON  
Chiefly Tennyson and Browning; some attention to Arnold and the Pre-Raphaelites.  
*Three semester hours credit.*  
Three hours, first semester.
13. METHODS OF TEACHING ENGLISH MR. BOLICH  
The theory of teaching functional grammar, composition, and literature.  
*Two semester hours credit.*  
Junior course. Three hours, either semester.
14. SENIOR READING COURSE MR. WARTHEN  
Reading and discussion of selected writings, chiefly of the sixteenth and seventeenth centuries.  
*Four semester hours credit.*  
Two hours, throughout the year.
18. MODERN POETRY MR. MASON  
English and American poets of the present century. *Three semester hours credit.*  
Three hours, first semester.

## SPEECH

## 5a. BASIC SPEECH

MR. BOLICH

Study of the fundamentals underlying good speech, and practice in speaking.

*Two semester hours credit.*

Two hours, either semester.

## 5b. ADVANCED SPEECH

MR. BOLICH

Study of the purposes and forms of oral English, and practice in extemporaneous speaking.

*Two semester hours credit.*

Prerequisite, English 5a. Two hours, second semester.

## 15. ORAL INTERPRETATION OF LITERATURE

MR. BOLICH

The principles and methods of oral interpretation, with careful consideration of phonetics, pronunciation, and enunciation.

*Two semester hours credit.*

Prerequisite: English 5a. Two hours, first semester.

## 19. PRINCIPLES OF RADIO SPEECH

MR. BOLICH

The principles of radio speaking and script writing; problems of production.

*Two semester hours credit.*

Prerequisite: English 5a. Two hours, second semester.

*Fine Arts**Professors SUNDERMEYER and KRAMER, and Assistant Professor LANGERHANS*

These appreciation courses treat the principal art epochs and endeavor to show how the art of each period is the expression of its spiritual life.

## 1. ARCHITECTURE

MR. LANGERHANS

The interrelation of materials, technology, purpose, and form in architecture; history of architecture; city planning.

*Two semester hours credit.*

Two hours, first semester.

## 2. PAINTING

MR. SUNDERMEYER

The history of painting, the great painters, the contribution of painting to the arts.

*Two semester hours credit.*

Two hours, second semester.

## 3. ORIENTAL ART

MR. KRAMER

Chiefly Chinese, although some attention will be given to Japanese, Hindu, and Persian art. The history, traditions, and culture will form the background for studying bronzes, pottery, jades, painting, architecture, etc. Material from museums and collections will be used.

*Two semester hours credit.*

One hour, throughout the year.

MUSIC APPRECIATION—See Music 1a.

MUSIC DRAMA—See Music 2a.

THE SYMPHONY—See Music 2b.

*French*

(See Romance Languages)

## German

*Professor SUNDERMEYER, Associate Professor AHRENS, Assistant Professor LANGERHANS,  
and Instructor WASHINGTON*

Requirements for a major include Courses 2, 3, 6, 12, 13, and 15. The teaching minor consists of 18 semester hours and must include Courses 6, 12, and 13. Courses 14 and 15 count as six semester hours in the original provided they are taken together. Courses 2, 3, 4, 7, 10, 11, 14, and 16 may be applied in fulfillment of the literature requirement.

### GERMAN LANGUAGE

- A. ELEMENTARY GERMAN MR. SUNDERMEYER and STAFF  
The essentials of grammar; reading of simple prose and poetry.  
*Six semester hours credit.*  
Three hours, throughout the year.
1. INTERMEDIATE GERMAN MR. SUNDERMEYER and STAFF  
Review of grammar; reading of standard German. *Six semester hours credit.*  
Prerequisite: German A. Three hours, throughout the year.
- A-1. ELEMENTARY-INTERMEDIATE GERMAN MR. WASHINGTON  
An accelerated course for those who wish to do two years' work in one year.  
*Twelve semester hours credit.*  
Six hours, throughout the year.
6. COMPARATIVE PHILOLOGY MR. AHRENS  
A general introduction to linguistic science. The first semester is devoted to the development from Indo-European to the Germanic languages, and the second semester to the development of the German language. *Two semester hours credit.*  
One hour, throughout the year.
12. COMPOSITION MR. LANGERHANS  
The practice of writing idiomatic German. *Two semester hours credit.*  
One hour, throughout the year.
13. CONVERSATION MR. LANGERHANS  
The practice of speaking German. *Four semester hours credit.*  
Two hours, throughout the year.

### GERMAN LITERATURE AND CIVILIZATION

2. THE CLASSICAL PERIOD MR. SUNDERMEYER  
Reading and interpretation of German Classical writers, including Lessing, Goethe, and Schiller. *Six semester hours credit.*  
Prerequisite: German 1. Three hours, throughout the year.
3. THE 19TH CENTURY MR. AHRENS  
Reading and interpretation of German writings from Heinrich von Kleist to Gerhart Hauptmann. *Six semester hours credit.*  
Prerequisite: German 1. Three hours, throughout the year.

## 4. LUTHER

MR. AHRENS

An advanced course devoted to the study of selections from Luther's German writings.  
*Two semester hours credit.*

One hour, throughout the year.

## 7. GERMAN SCIENTIFIC PROSE

MR. WASHINGTON

Selections of literary merit from authors in the field of the natural sciences.

*Six semester hours credit.*

Prerequisite: German 1. Three hours, throughout the year.

## 8. GERMAN SCIENTIFIC PROSE

MR. WASHINGTON

Readings adapted to individual needs of students majoring in any of the exact sciences.  
*Two semester hours credit.*

One hour, throughout the year.

## 10. GOETHE'S FAUST

MR. SUNDERMEYER

Goethe's *Faust*, I and II.

*Six semester hours credit.*

Two hours and collateral reading, throughout the year.

## 11. CONTEMPORARY LITERATURE

MR. SUNDERMEYER

Selections from contemporary literature.

*Six semester hours credit.*

Two hours and collateral reading, throughout the year.

## 14. ADVANCED GERMAN PROSE

MR. AHRENS

Readings in the fields of fiction, history, and philosophy, selected to coordinate with German 15.

*Four semester hours credit.*

Two hours, throughout the year.

## 15. HISTORY OF GERMAN CIVILIZATION

MR. SUNDERMEYER

Lecture course in English. Open to all students. Credit given in the Departments of German and History.

*Two semester hours credit.*

One hour, throughout the year.

## 16. SEMINAR IN GERMAN LITERATURE

MR. SUNDERMEYER

A reading course conducted in German.

*Six semester hours credit.*

Two hours and collateral reading, throughout the year.

## Greek

Professor SHAFFER

Requirements for a major include 24 hours above the A course as approved by the adviser, and may include Philosophy 10, first semester. Courses 1, 2, 5, 6, 7, 8, 9, 10, 12, 13, and 14 may be used in fulfillment of the literature requirement in a foreign language. Students planning to do graduate work in Greek should take college Latin courses.

## A. ELEMENTARY GREEK

MR. SHAFFER

An elementary course for beginners.

*Six semester hours credit.*

Three hours, throughout the year.

## B. INTERMEDIATE GREEK

MR. SHAFFER

Selections from Xenophon and Homer. Prose composition. *Six semester hours credit.*

Prerequisite: Greek A. Three hours, throughout the year.

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1. HERODOTUS MR. SHAFFER  
Reading of selections, with lectures and reports on literary and historical background. *Three semester hours credit.*  
Prerequisites: Greek A and B. Three hours, first semester.\*
2. GREEK TRAGEDY MR. SHAFFER  
Selected plays, with lectures and reports on the literary, religious, and philosophical background. *Three semester hours credit.*  
Prerequisites: Greek A and B. Three hours, second semester.\*
3. GREEK LITERATURE IN ENGLISH MR. SHAFFER  
Reading and study of selected masterpieces of Greek literature.  
Knowledge of Greek not required. *Three semester hours credit.*  
Three hours, first semester.
4. GREEK HISTORY MR. SHAFFER  
A survey of Hellenic civilization from the earliest times to the Hellenistic age, with special emphasis on the sources. *Three semester hours credit.*  
Knowledge of Greek not required.  
Three hours, second semester.
5. GREEK MUSIC MR. SHAFFER  
Greek musical theory and practice. Restricted to advanced students. *Three semester hours credit.*  
Prerequisite: Greek A and B, and an elementary knowledge of music.  
Three hours, first semester.\*
6. NEW TESTAMENT MR. SHAFFER  
Readings in Hellenistic Greek, with special attention to the language of the New Testament. *Three semester hours credit.*  
Prerequisites: Greek A and B. (May be taken simultaneously with Greek B.)  
Three hours, second semester.
7. PLATO MR. SHAFFER  
The *Apology* and *Crito*, with selections from other dialogues. A study of Socrates. *Three semester hours credit.*  
Prerequisites: Greek A and B. (May be taken simultaneously with Greek B.) Three hours, first semester.
8. HOMER MR. SHAFFER  
The *Iliad* or the *Odyssey*, with lectures and reports on literary and cultural backgrounds. *Three semester hours credit.*  
Prerequisites: Greek A and B. Three hours, second semester.\*
9. GREEK LYRIC POETRY AND PROSE COMPOSITION MR. SHAFFER  
A survey of Greek poetic literature and a review of syntax. *Three semester hours credit.*  
Prerequisites: Greek A and B. Three hours, second semester.\*

\*To be given if needed.

10. GREEK ORATORY MR. SHAFFER  
 Selected orations in Greek and the *Rhetoric* of Aristotle in English.  
*Three semester hours credit.*  
 Prerequisites: Greek A and B. Three hours, first semester. \*
11. THE ANCIENT HISTORY OF THE NEAR EAST MR. SHAFFER  
 Survey of the ancient civilizations of southwestern Asia and of Egypt.  
 Knowledge of Greek not required. *Three semester hours credit.*  
 Three hours, first semester. \*
12. GREEK COMEDY MR. SHAFFER  
 Selected plays in Greek and collateral readings in English. Lectures and reports on historical and literary backgrounds. *Three semester hours credit.*  
 Prerequisites: Greek A and B. Three hours, first semester. \*
13. READINGS IN GREEK PHILOSOPHY MR. SHAFFER  
 Selected texts illustrating the history of Greek philosophy will be read in the original and discussed. The course will be integrated as far as possible with Philosophy 10. *One semester hour credit.*  
 One hour, first semester. \*
14. READING COURSE IN GREEK OLD TESTAMENT MR. SHAFFER  
 Reading of selections, with special attention to the grammar and syntax of Hellenistic Greek. Lectures on historical background. *Three semester hours credit.*  
 Three hours, either semester.  
 Prerequisite: Greek 6. Approval of the Department is required.

### *Health and Physical Education*

*Professor* BILHEIMER, *Associate Professor* BREAM, *Assistant Professors* BARTHOLOMEW, KENNEY, and YOVICSIN, and *Instructor* SHAINLINE

The department offers a complete teacher training program, approved by the Pennsylvania State Council of Education, which is open to both men and women. Students enrolled in the program must meet all requirements for the liberal arts degree in addition to taking all courses listed below and such other courses as may be required by the department. Health and Physical Education majors are required to take Health and Physical Education 1 and 2.

All other students entering as Freshmen are required to take either courses 1 and 2 or Military or Air Science 1 and 2.

Because of a curricular revision, freshmen entering in September, 1952, and thereafter, should consult the department concerning exact course requirements.

### METHODS AND ACTIVITIES

#### 1. METHODS AND ACTIVITIES I

MISS KENNEY, MR. YOVICSIN, and MR. SHAINLINE

Participation in a variety of individual and team activities with emphasis upon the acquisition of skills. Elementary personal hygiene, safety, first-aid, rules and regulations of games.

\* To be given if needed.

An additional hour of hygiene is required of women students.

Activities for Men: Volleyball, Football, Basketball, Wrestling, Table Tennis, Boxing, Archery, and Badminton.

Activities for Women: Field Hockey, Basketball, Volleyball, Swimming, Archery, Softball, and Tennis. *Four semester hours credit.*

Two hours, throughout the year.

## 2. METHODS AND ACTIVITIES II

MISS KENNEY, MR. YOVICSIN, and MR. SHAINLINE

An individualized program of activities participation, based upon ability and progress.

Activities for Men: Golf, Soccer, Tumbling, Gymnastics, Dancing, Swimming, Tennis, and Softball.

Activities for Women: Field Hockey, Tennis, Softball, Basketball, Archery, Volleyball, Swimming, Golf, Folk Dancing, and Tennis. *Four semester hour credits.*

Two hours, throughout the year.

## 3. METHODS AND ACTIVITIES III

MR. BARTHOLOMEW

Methods and techniques of class organization and instruction in a variety of indoor physical education activities. *Four semester hours credit.*

Two two-hour periods, throughout the year.

## 4. METHODS AND ACTIVITIES IV

THE STAFF

Methods and techniques of class organization and instruction in a variety of outdoor physical education activities. *Four semester hours credit.*

Two two-hour periods, throughout the year.

## 5. AQUATICS

MISS KENNEY and MR. SHAINLINE

Teaching methods and techniques in elementary strokes, elementary diving, life-saving, water safety. *Two semester hours credit.*

Three hours, throughout the year.

## PHYSICAL EDUCATION

## 6. INTRODUCTION TO PHYSICAL EDUCATION

MR. BILHEIMER

A general overview of the field, with special emphasis upon developing an understanding and appreciation of the importance, need, and purpose of health and physical education. *Two semester hours credit.*

Two hours, second semester.

## 13. PRINCIPLES AND CURRICULUM PLANNING

MR. BARTHOLOMEW

An evaluation of principles and their application in planning a modern physical education program. *Three semester hours credit.*

Three hours, second semester.

## 15. METHODS OF PHYSICAL EDUCATION

MR. YOVICSIN

Common methods, with emphasis upon class management, preparation, program planning, motivation, and evaluation. *Three semester hours credit.*

Three hours, first semester.

16. METHODS OF ATHLETIC COACHING AND OFFICIATING MR. YOVICIN  
The individual qualifications of the coach and official, techniques of coaching and officiating, and common methods for specific activities. *Two semester hours credit.*  
Two hours, second semester.
17. ADMINISTRATION OF HEALTH AND PHYSICAL EDUCATION  
MR. BILHEIMER  
The legal aspects, administrative problems, personnel relations, social interpretation, budget and finance, plant and office management. *Three semester hours credit.*  
Three hours, first semester.
18. ADMINISTRATION OF RECREATION AND OUTDOOR ACTIVITIES  
MISS KENNEY  
The theory of, and need for, play, personnel qualifications, administration, and program of activities for all age groups. Students will be afforded the opportunity for practical experience in camp administration and community recreation.  
*Three semester hours credit.*  
Three hours, second semester.
19. PHYSICAL EDUCATION FOR THE HANDICAPPED MISS KENNEY  
Misconceptions, causes of handicaps, specific handicaps, and the remedial program, the orthopedic examination, and administration. Students will have opportunity for practical experience. *Two semester hours credit.*  
Prerequisite: Physical Education 14.  
Two hours, first semester.
21. CARE AND PREVENTION OF INJURIES MR. BARTHOLOMEW  
The official Beginners' and Advanced Red Cross First Aid courses, with emphasis on the practical aspects of symptom recognition and safety. *One semester hour credit.*  
One two-hour period, second semester.

#### HEALTH EDUCATION

10. PERSONAL HYGIENE MR. BARTHOLOMEW  
Practical aspects of the every-day life of the individual in respect to personal hygiene. Special emphasis is placed upon the acquisition of desirable attitudes toward personal health. *Two semester hours credit.*  
Two hours, first semester.
11. COMMUNITY HYGIENE MR. BARTHOLOMEW  
The role of official and non-official community organizations in the health of the individual, from the viewpoint of administration and service. As a practical approach, conditions in the home, school, and community at large will be analyzed. *Two semester hours credit.*  
Two hours, second semester.
- 12a. METHODS AND MATERIALS OF HEALTH EDUCATION  
MR. BARTHOLOMEW  
The developing child, and an analysis of methods of teaching health. Sources, uses, and evaluation of health materials, along with curriculum construction, will also be considered. *Two semester hours credit.*  
Prerequisites: Physical Education 10a and 10b.  
Two hours, first semester.

**12b. HEALTH SERVICE AND SUPERVISION****MR. BARTHOLOMEW**

Emphasizes the past, present, and probable future legislation in health, along with the administrative and supervisory aspects of the program. Also included is a survey of pre-school and post-school health services. *Two semester hours credit.*

Prerequisites: Physical Education 10a and 10b.

Two hours, second semester.

**14. ANATOMY AND PHYSIOLOGY****MR. BARTHOLOMEW**

A combination theoretical and practical study of human structure and function. Analysis of the effects of health and physical education activities on the body.

*Six semester hours credit.*

Three hours, throughout the year.

## *History*

*Professor FORTENBAUGH, Assistant Professor BLOOM, and CRAPSTER*

Requirements for a major include Courses 1, 20, and 21. All majors and minors are required to take History 1 as their first course. Courses 1, 3a, 3b, 6, 10, and 11 are open to Sophomores; all other courses are upper-class courses. English majors and pre-law students are advised to take History 2.

**1. HISTORY OF WESTERN CIVILIZATION****MR. BLOOM**

A survey from pre-literary times to the present, describing the growth of social institutions. *Six semester hours credit.*

Three hours, throughout the year.

**2. HISTORY OF ENGLAND****MR. CRAPSTER**

A survey from the Roman times to the present, emphasizing institutional and cultural developments. *Six semester hours credit.*

Three hours, throughout the year.

**3a. HISTORY OF THE UNITED STATES TO 1865****MR. FORTENBAUGH and MR. BLOOM**

3a and 3b give a survey from the discovery and early explorations to the present. These courses will, with History 9, meet the requirements for certification to teach in the public schools of Pennsylvania. See also History 6. *Three semester hours credit.*

**3b. HISTORY OF THE UNITED STATES SINCE 1865****MR. FORTENBAUGH and MR. BLOOM**

*Three semester hours credit.*

Three hours, second semester.

**4. THE UNITED STATES, 1899-1939.****MR. FORTENBAUGH**

An intensive study of this important forty-year period with emphasis upon economic and social development. *Three semester hours credit.*

Prerequisite: History 3 or 6.

Three hours, first semester.

**5. AMERICAN ECONOMIC HISTORY****MR. FORTENBAUGH**

A study of economic life and forces throughout the history of the United States.

*Three semester hours credit.*

Three hours, second semester.

## 6. HISTORY OF THE UNITED STATES AND OF PENNSYLVANIA

MR. BLOOM

A course for *non-history* majors which will meet the requirements for certification to teach in the public schools of Pennsylvania. *Six semester hours credit.*

Three hours, throughout the year.

## 7. AMERICAN CONSTITUTIONAL HISTORY

MR. BLOOM

Origins and development of the Constitution of the United States, considering its political theories, judicial interpretation, and institutional forms.

*Three semester hours credit.*

Prerequisite: History 3 or 6.

Three hours, first semester.

## 8. SELECTED TOPICS IN AMERICAN HISTORY

MR. BLOOM

An advanced course offering intensive study of special topics or periods.

*Three semester hours credit.*

Prerequisite: History 3 or 6.

Three hours, second semester.

## 9. HISTORY OF PENNSYLVANIA

MR. FORTENBAUGH

The Commonwealth from colonial days to the present. This course will, with History 3, meet the requirements for certification to teach in the public schools of Pennsylvania. See also History 6.

*Two semester hours credit.*

Two hours, second semester.

## 10. EUROPE FROM THE RENAISSANCE TO 1789

MR. CRAPSTER

A survey of European history in the early modern period—the Renaissance, the age of discoveries, the Reformation, the growth of the national states, the Enlightenment.

*Three semester hours credit.*

Three hours, first semester.

## 11. EUROPE FROM 1789 TO 1815

MR. CRAPSTER

An intensive study of the political and intellectual developments taking place in Europe during the French Revolutionary and Napoleonic eras.

*Three semester hours credit.*

Three hours, second semester.

## 12. EUROPE FROM 1815 TO 1914

MR. CRAPSTER

A survey of European history from the Congress of Vienna to the First World War.

*Three semester hours credit.*

Three hours, first semester.

## 13. EUROPE SINCE 1914

MR. CRAPSTER

A survey of recent European history in its world setting. *Three semester hours credit.*

Three hours, second semester.

## 20. HISTORICAL METHOD

MR. FORTENBAUGH

For Junior majors and other qualified students who expect to teach history.

*Three semester hours credit.*

Three hours, first semester.

## 21. UNDERGRADUATE SEMINAR

MR. FORTENBAUGH, MR. BLOOM and MR. CRAPSTER

Practice in the criticism and exploitation of historical sources. For Junior or Senior majors. *Two semester hours credit.*

Prerequisite: History 20. Two hours, to be arranged, second semester.

*Latin*

Professor GLENN

Requirements for a major include Courses 1, 2, 3, 4, 10, 11, 13, and two courses from 5, 6, 7, and 8. Courses 1, 2, 3, 4, 6, 7, and 8 may be applied in fulfillment of the literature requirement in the original. Students planning to do graduate work in Latin should take college Greek courses.

## B-C. VERGIL

MR. GLENN

Selections from the *Aeneid*.

*Six semester hours credit.*

Prerequisites: Two years of secondary school Latin. Three hours, throughout the year.

## 1. ROMAN PROSE AND POETRY

MR. GLENN

Selections from Livy, Catullus, and other authors.

*Three semester hours credit.*

Prerequisites: Four years of secondary school Latin, or Latin B-C. Three hours, first semester.

## 2. HORACE

MR. GLENN

Selections from the *Odes*, *Epodes*, *Satires*.

*Three semester hours credit.*

Three hours, second semester.

## 3. CICERO'S LETTERS

MR. GLENN

Life and literature in Cicero's time.

*Three semester hours credit.*

Three hours, first semester.

## 4. ROMAN COMEDY

MR. GLENN

Selections from Plautus and Terence. Survey of the Roman Theatre; origin and development of Roman drama.

*Three semester hours credit.*

Three hours, second semester.

## 5. ROMAN LAW

MR. GLENN

Development and content of Roman Private Law. A knowledge of Latin is not required.

*Two semester hours credit.*

Alternates with Course 7. Two hours, first semester.

## 6. ROMAN PHILOSOPHY

MR. GLENN

Lucretius, *On the Nature of Things*.

*Two semester hours credit.*

Alternates with Course 8. Two hours, second semester.

## 7. MEDIEVAL LATIN

MR. GLENN

Selections representing history, anecdote, the epistle, the drama, the essay, the dialogue, the novel, and epic, lyric, pastoral, didactic, and satiric verse, and introducing the literature written in the universal language of the ecclesiastical and learned European world, ranging from the fifth century to the seventeenth century.

*Two semester hours credit.*

Alternates with Course 5. Two hours, first semester.

Not given 1952-1953.

## 8. ROMAN ELEGY

MR. GLENN

Selections from Catullus, Tibullus, Propertius, and Ovid. Seminar methods, with practice in original research.

*Two semester hours credit.*

Alternates with Course 6. Two hours, second semester.

Not given 1952-1953.

## 10. LATIN LITERATURE IN ENGLISH

MR. GLENN

A historical and critical survey of Roman Literature with a more intensive study of selected works. Attention is given to the relation of Roman Literature to other literatures. A knowledge of Latin is not required.

*Three semester hours credit.*

Three hours, second semester.

## 11. ROMAN HISTORY AND CIVILIZATION

MR. GLENN

The history of the Republic and the Empire, supplemented by a brief study of various topics, such as Roman art, science, religion, political institutions, private life, etc., and their influence on modern life. A knowledge of Latin is not required.

*Three semester hours credit.*

Three hours, first semester.

## 13. LATIN PROSE COMPOSITION

MR. GLENN

One hour, throughout the year.

*Two semester hours credit.*

## 15. WORD-BUILDING

MR. GLENN

A course designed to aid pre-medical students and those of other sciences who desire to become familiar with scientific terminology and roots. A study is made of repeatedly used prefixes, endings, and key words from which scientific terms are compounded. The knowledge of Latin, while very useful, is not required of those who take the course.

*Two semester hours credit.*

One hour, throughout the year.

## Mathematics

*Professor ARMS, Associate Professor ZIEGLER, Instructor GREEN*

Requirements for a major include Mathematics 6, and six semester hours chosen from Courses 8, 9, 10, and 14. With adviser's approval, Mathematics 21, Mathematics of Investment, Mathematics 23, Statistics, and Mathematics 25, Costs and Depreciation, may be used as part of the course requirements for a major in Economics.

## A. BASIC MATHEMATICS

MR. GREEN

A general course including the fundamental principles of algebra, geometry and trigonometry and their applications to human affairs. (Required of all students who do not qualify in the Mathematics Placement test.) *Six semester hours credit.*

## 1a. COLLEGE ALGEBRA

MR. GREEN

A review of elementary algebra, the elementary theory of equations, complex numbers, the binomial theorem. *Three semester hours credit.*

Prerequisite: one unit of Algebra. Three hours, first semester.

## 1b. PLANE TRIGONOMETRY

MR. GREEN

Definitions and properties of the trigonometric functions; solutions of triangles.

*Three semester hours credit.*

Prerequisites: one unit of algebra and one unit of geometry. Three hours, second semester.

## 2. ELEMENTARY ANALYSIS

MR. ZIEGLER

A review of advanced algebra, trigonometry, plane analytical geometry, and an introduction to calculus. *Six semester hours credit.*

Prerequisite: three units in mathematics including trigonometry. Three hours, throughout the year.

## 5. ANALYTIC GEOMETRY

MR. ZIEGLER

Plane and solid analytic geometry, and an introduction to calculus.

*Six semester hours credit.*

Prerequisites: Mathematics 1a and 1b, or the equivalent. Three hours, throughout the year.

## 6. DIFFERENTIAL AND INTEGRAL CALCULUS

MR. ARMS

The fundamental formulae of differentiation and integration, with applications.

*Six semester hours credit.*

Prerequisite: Mathematics 2 or 5. Three hours, throughout the year.

## 8. MODERN GEOMETRY

MR. ZIEGLER

Prerequisite: Mathematics 6. Qualified students may register for one or more of the following with the approval of the Mathematics Adviser:

## 8A. COLLEGE GEOMETRY (SYNTHETIC)

*Four semester hours credit.*

Two hours, throughout the year.

## 8B. ANALYTICAL GEOMETRY OF SPACE

*Four semester hours credit.*

Two hours, throughout the year.

## 8C. PROJECTIVE GEOMETRY (SYNTHETIC)

Two hours, throughout the year.

*Four semester hours credit.*

## 9. MODERN ANALYSIS

MR. ARMS

Prerequisite: Mathematics 6. Qualified students may register for one or more of the following with the approval of the Mathematics Adviser.

## 9A. DIFFERENTIAL EQUATIONS

Two hours, throughout the year.

*Four semester hours credit.*

## 9B. HIGHER CALCULUS

Two hours, throughout the year.

*Four semester hours credit.*

## 9C. THEORY OF FUNCTIONS OF A COMPLEX VARIABLE

Two hours, throughout the year.

*Four semester hours credit.*

## 10. METHODS OF TEACHING

MR. ZIEGLER

Methods of teaching high school mathematics supplemented with practice teaching and observation.

*Four semester hours credit.*

Three periods, throughout the year.

## 14. READING COURSE

MR. ARMS

Supervised reading in pure and applied mathematics for Junior and Senior majors. Conference hours and *semester hours credit* as arranged.

## 21. MATHEMATICS OF INVESTMENT

MR. ZIEGLER

Compound interest as applied to annuities, life insurance, and depreciation.

*Three semester hours credit.*

Prerequisite: Mathematics 1a. Three hours, first semester.

## 23. STATISTICS

MR. ZIEGLER

A first course: mean, mode, median, correlation and index numbers.

*Three semester hours credit.*

Prerequisite: Mathematics 1a. Three hours, second semester.

## 25. COSTS AND DEPRECIATION

MR. ARMS

An introduction to cost accounting.

*Six semester hours credit.*

Prerequisite: Economics 4. Three hours, throughout the year.

## *Music*

*Professor WAGNILD, Professor SHAFFER, Instructors HARNER and LUEBBE, MR. SPRINGER, MR. SCHROEDER, MR. ACKLEY, MRS. BARTHOLOMEW, MRS. HEIKKINEN, and MRS. BARRIGA*

Requirements for a major shall be a minimum of 24 hours, and shall include Music 6, 7, 8, 12, and a total of 4 hours from Music 9, 10, 14, and 16.

Requirements in applied music are as follows: (1) 2 years' participation in an authorized group organization, and 2 years of private instruction in voice, piano, organ or instrument authorized by the department.\* (2) Presentation of recital in the Junior or Senior year.\*

A musical aptitude test shall be required of the student before he is accepted as a Music Major.

Individual instruction in voice, piano, and organ under the supervision of the department is offered by appointment. (See fees as listed on page 34.)

\* Notes: (1) A thesis or additional private study may be substituted for group participation at the discretion of the department. (2) In special cases a student may be asked to take a standard proficiency test instead of presenting a recital.

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1. APPRECIATION OF MUSIC MR. SHAFFER  
The principal musical forms against the background of the other arts.  
*Two semester hours credit.*  
Two hours, first semester.
2. APPRECIATION OF MUSIC DRAMA MR. SHAFFER  
A review of the history of opera and analyses of examples as drama and as music.  
*Two semester hours credit.*  
Two hours.
3. APPRECIATION OF THE SYMPHONY MR. SHAFFER  
Historical backgrounds and analyses of symphonic forms.  
*Two semester hours credit.*
6. HISTORY OF MUSIC MR. SHAFFER  
A survey of the development of musical art from ancient to modern times.  
*Six semester hours credit.*  
Three hours, throughout the year.
- 7a. HARMONY MR. WAGNILD  
Scale and chord structure, chord relationship, non-chordal tones, and analyses.  
*Three semester hours credit.*  
Three hours, first semester.
- 7b. HARMONY MR. WAGNILD  
Diatonic chords with various bytones, harmonization of original melodies, simple modulation. Aural approach to harmonic effects.  
*Three semester hours credit.*  
Three hours, second semester.
- 8a. ADVANCED HARMONY MR. WAGNILD  
Chromatic harmony, modulation, creative work, analyses.  
*Two semester hours credit.*  
Two hours, first semester.
- 8b. ADVANCED HARMONY MR. WAGNILD  
Continuation of 8a. Special emphasis on modulation and use of chromatic alterations of diatonic chords in harmonizing melodies. Creative work.  
*Two semester hours credit.*  
Two hours, second semester.
- 9a. KEYBOARD HARMONY MR. WAGNILD  
Harmonic material applicable to the piano. Chord successions using all the diatonic harmonies, their inversions, and the simpler altered chords and modulations.  
*Two semester hours credit.*  
Prerequisites: Harmony 7a and 7b. Two hours, first semester.
- 9b. KEYBOARD HARMONY MR. WAGNILD  
Continuation of 9a. Practical application of chromatic harmony and modulation. Creative work.  
*Two semester hours credit.*  
Two hours, second semester.

## 10a. DICTATION

MISS LUEBBE

Tone and rhythm for recognition, visualization, singing, and writing melodic phrases in all keys from dictation.

*Two semester hours credit.*

Two hours, first semester.

## 10b. DICTATION

MISS LUEBBE

A continuation of melodic dictation, giving special emphasis to the development of musical memory and to the ability to write comparatively difficult rhythms and melodic phrases.

*Two semester hours credit.*

Two hours, second semester.

## 12. MUSICAL FORM AND ANALYSIS

MISS LUEBBE

A study of the motive, phrase, period, and analysis of the construction of these, along with binary and ternary forms of composition, the invention, fugue, sonata and symphony.

*Four semester hours credit.*

Two hours throughout the year.

Prerequisite: Music 7a, 7b.

## 14. CHORAL CONDUCTING

MR. WAGNILD

Technique of the baton, fundamentals of choral interpretation, problems of organization and maintenance of groups, survey of suitable materials in the choral field, and program building.

*Four semester hours credit.*

Two hours, throughout the year.

## 16. INSTRUMENTAL CONDUCTING

MR. WAGNILD and MR. HARNER

Practical training in instrumental score reading and conducting. Class work in conjunction with Music 14.

*Four semester hours credit.*

Two hours throughout the year.

## APPLIED MUSIC

For the individual instruction described below lessons are arranged by appointment. In case a student is unable to keep an appointment the lesson may not be made up unless the student has notified the instructor at least 24 hours in advance of his inability to be present at the designated time.

21, 22, 23, 24. VOICE. Training in fundamentals of voice culture with emphasis upon breath control, resonance, tone quality, diction, pronunciation, and an appreciation of the best works of the masters.

*No semester hours credit.*

One half hour lesson per week. Either or both semesters.

31, 32, 33, 34. PIANO. Development of touch, technique, rhythm, expression and interpretation. Repertoire adapted to ability of the student.

*No semester hours credit.*

One half hour lesson per week. Either or both semesters.

41, 42, 43, 44. PIPE ORGAN. Acquisition of technique and independence in playing upon the manuals and pedals. Repertoire adapted to ability of the student.

*No semester hours credit.*

Prerequisite: Satisfactory piano technique.

One full hour lesson per week. Either or both semesters.

51, 52, 53, 54. INSTRUMENTAL INSTRUCTION. Available in most common instruments. Repertoire adapted to ability of the student.

*No semester hours credit.*

One half hour lesson per week. Either or both semesters.

## Philosophy

*Professor* RICHARDSON and *Assistant Professors* LANGERHANS and SCHUBART

Requirements for a major are 27 hours, including courses 1a, 3, 4a and 4b, 10, 20, and such additional courses as may be approved by the adviser. Greek 7 and Bible 13 may be included with permission of the adviser. Course 1a or 3 or 4 is prerequisite for any other course in the department.

### 1. INTRODUCTION TO PHILOSOPHY

MR. RICHARDSON

#### 1a. APPROACHES TO PHILOSOPHY

The main approaches to philosophy: scientific, aesthetic, ethical, and religious. Their assumptions, methods, and results will be analyzed with a view to giving the student both the tools and the motive for building his own philosophy of life. Credit for this course may be obtained as a unit.

*Three semester hours credit.*

Three hours, first semester.

#### 1b. CONTEMPORARY WORLD PHILOSOPHIES

An attempt to familiarize the non-specializing student with the major philosophies which are bidding for his allegiance today. Such men as Marx, Kierkegaard, Nietzsche, Sartre, Hutchins, Maritain, A. Huxley, Santayana, Dewey, Russell, Bergson, and Whitehead will be studied.

*Three semester hours credit.*

Prerequisite: Philosophy 1a. Three hours, second semester.

### 3. LOGIC

MR. SCHUBART

The principles of clarity in language and structure in thought, and their application.

*Three semester hours credit.*

Three hours, second semester.

### 4. ETHICS

MR. SCHUBART

#### 4a. HISTORY OF ETHICS

A historical study of the most significant philosophies of ethics from the Greeks to the present.

*Three semester hours credit.*

Three hours, first semester.

#### 4b. PRINCIPLES OF ETHICS

An analysis of the principles of ethics, such as value, obligation, and law, and their application to individual and social problems.

*Three semester hours credit.*

Three hours, second semester.

### 8. POLITICAL IDEALS IN CONFLICT

MR. SCHUBART

Consideration of contemporary political philosophies, their basic principles, and their points of difference. Special attention will be given to the problems confronting democracy.

*Three semester hours credit.*

Three hours, first semester.

### 10. HISTORY OF PHILOSOPHY

MR. RICHARDSON

The development of thought concerning man and his place in the universe from the Greeks to the eighteenth century.

*Six semester hours credit.*

Three hours, throughout the year.

12. **PHILOSOPHY OF RELIGION** MR. RICHARDSON  
 A historical and systematic study of our present religious beliefs.  
*Three semester hours credit.*  
 Three hours, first semester.
15. **RECENT EUROPEAN PHILOSOPHY** MR. SCHUBART  
 Struggles of idealism and empiricism in European philosophical thought since Kant.  
*Three semester hours credit.*  
 Three hours, first semester.
16. **RECENT AMERICAN PHILOSOPHY** MR. SCHUBART  
 The philosophies of Josiah Royce, William James, John Dewey, George Santayana, and Alfred North Whitehead.  
*Three semester hours credit.*  
 Three hours, second semester.
17. **INFLUENTIAL CRITICISM** MR. SCHUBART  
 The "climates of opinion" of the eighteenth, nineteenth, and twentieth centuries.  
*Three semester hours credit.*  
 Three hours, second semester.
19. **PHILOSOPHY OF HISTORY** MR. LANGERHANS  
 The religious background of the concept of history as developed in the western world: the apocalyptic image of history; millennial ideas and their secularized derivatives in modern utopias; the "City of God"; the Protestant return to apocalyptic literature; the concepts of progress and world revolution.  
*Two semester hours credit.*  
 Two hours, second semester.
20. **SENIOR SEMINAR** MR. RICHARDSON  
 An advanced seminar for philosophy majors, in which one contemporary problem will be studied, and solutions suggested from the varying points of view of major philosophical thinkers.  
*Three semester hours credit.*  
 Three hours, second semester.

## Physics

*Professor MILLER, Assistant Professor GREEN, and Instructor CARR*

Requirements for a major include Courses 102, 3, 7, and such courses in Mathematics and Chemistry as are arranged with the adviser.

1. **GENERAL PHYSICS** MR. GREEN and MR. CARR  
 Mechanics, Heat, Sound, Magnetism, Electricity, and Light. This course is designed to acquaint the student with the fundamental phenomena, principles, and laws of physics and their applications. It includes recitations, lectures with demonstrations, and laboratory work. Emphasis is placed upon applications not requiring involved mathematical analysis. For students not majoring in science.  
*Eight semester hours credit.*  
 Prerequisite: College Entrance Algebra. Three class hours and three laboratory hours, throughout the year.

## 102. GENERAL PHYSICS

MR. MILLER

This course covers the same subject matter as Physics 1 but with emphasis upon the applications which are of major importance in advanced science. Mathematical analysis is stressed throughout. For students majoring in science.

*Eight semester hours credit.*

Prerequisites: Mathematics 1a and 1b. Three class hours and three laboratory hours throughout the year.

## 3a. INTERMEDIATE EXPERIMENTAL PHYSICS

MR. GREEN

Classical laboratory experiments in mechanics, heat, light, and electricity; experimental technique applied to the traditional experiments of physics with emphasis on probable error, the written report, analyzing results, and integrating theory with application.

*Two semester hours credit.*

Prerequisite: Physics 102 and Mathematics 2 or 5. Six laboratory hours, first semester.

## 3b. PRECISION EXPERIMENTATION

MR. GREEN

Laboratory experiments, varying in length, difficulty, and subject according to the individual's interests; the development of a good approach to simple research problems, with emphasis on the coordination of physics with one's field of major scientific interest.

*Two semester hours credit.*

Prerequisite: Physics 3a. Six laboratory hours, second semester.

## 5a. ELECTRODYNAMICS

MR. GREEN

Electrostatics, magnetostatics, electromagnetism, direct and alternating circuit analysis, and thermionic emission.

*Three semester hours credit.*

Prerequisites: Physics 102 and Mathematics 6. Three class hours, first semester. To be given if needed.

## 6b. ELECTRONICS

MR. GREEN

The principles of operation of electronic tubes and circuits with applications to radio, radar and nuclear physics equipment.

*Four semester hours credit.*

Prerequisite: Physics 5a. Three class hours and three laboratory hours, second semester.

Not given 1952-1953.

## 7. MODERN PHYSICS

MR. MILLER

Theory of atomic and nuclear structure, transmutation, and atomic energy.

*Six semester hours credit.*

Prerequisites: Physics 102 and Mathematics 6. Three class hours, throughout the year.

## 8. THEORETICAL MECHANICS

MR. GREEN

The theoretical treatment of statics and dynamics for the particle and the rigid body. Vector analysis will be introduced.

*Three semester hours credit.*

Prerequisites: Physics 102 and Mathematics 6 and 9a concurrently. Three class hours, first semester.

## 9. THEORETICAL PHYSICS

MR. GREEN

Advanced dynamics and vector analysis, with a simplified introduction to the elements and basic nature of Maxwell's electromagnetic wave theory, relativity mechanics, and quantum mechanics. *Three semester hours credit.*

Prerequisites: Physics 8, with Mathematics 9b and 9c recommended. Three class hours, second semester.

## 10. ADVANCED LABORATORY PHYSICS

MR. MILLER and MR. GREEN

Individual experiments or projects in optics, spectroscopy, electronics, electrodynamics, mechanics, thermodynamics, or nuclear physics.

*Semester hours credit as arranged.*

Prerequisite: Physics 3. Hours as arranged.

## 12. DESCRIPTIVE ASTRONOMY

MR. MILLER

General and descriptive astronomy.

*Two semester hours credit.*

No prerequisite. Two class hours, second semester.

## 13. THERMODYNAMICS

MR. MILLER

A treatment of the two laws of thermodynamics and their applications.

*Three semester hours credit.*

Prerequisites: Physics 102 and Mathematics 6. Three class hours, first semester.

## 15. GEOMETRICAL AND PHYSICAL OPTICS

MR. MILLER

An advanced course, treating the subjects of reflection, refraction, prisms, lenses, diffraction and interference, dispersive and resolving power, ruled gratings, spectroscopes, and spectrographs. *Six semester hours credit.*

Prerequisites: Physics 102 and Mathematics 6. Three class hours, throughout the year.

### *Political Science*

*Professor STOKES, Assistant Professor JARVIS, and Instructors GLATFELTER and RAITH*

Requirements for a major include 24 semester hours. Political Science 1a and 1b are prerequisites for all other courses in the department. With the adviser's approval, Philosophy 8 may be included in a Political Science major.

## 1a. AMERICAN GOVERNMENT

THE STAFF

A study of the American political system on the national level. Sophomore course.

*Three semester hours credit.*

Three hours, first semester.

Note: Students who require only three credits in Political Science may take 1a.

## 1b. STATE AND LOCAL GOVERNMENT

THE STAFF

A study of American government on the state and local level. Sophomore course.

*Three semester hours credit*

Three hours, second semester.

## 3. EUROPEAN GOVERNMENTS

MR. JARVIS

A comparative analysis of the basic principles which govern the organization and operation of the principal governments of the world. Executive, legislative, judicial and party controls over government; controls to achieve administrative ends; administrative sanction and procedure. *Three semester hours credit.*

Sophomore and Junior course. Three hours, first semester.

## 4. CONSTITUTIONAL LAW

MR. RAITH

Analysis of the federal Constitution as an instrument of conferring and restraining governmental power. Philosophical and political aspects of the judicial process probed by the case method treatment of Supreme Court decisions.

*Three semester hours credit.*

Supplementary readings required. Senior course. Three hours, first semester.

## 5. INTERNATIONAL LAW

MR. JARVIS

Principles of law generally recognized by modern states, including the legal relations of states and individuals, treaty making and diplomacy, and those decisions of American and foreign municipal courts which bear upon the subject. Current developments in the United Nations are discussed.

*Three semester hours credit.*

Prerequisites: Political Science 1, 3 and 9. Senior course. Three hours, second semester.

## 6. BUSINESS AND GOVERNMENT

MR. JARVIS

The shaping of public policy towards business as reflected in legislation and judicial decisions, with particular emphasis on the regulation of competition and monopoly. The problem of state intervention in areas of corporate development and individual freedom.

*Three semester hours credit.*

Prerequisites: Economics 3, Political Science 1. Junior course. Three hours, second semester.

## 8. POLITICAL PARTIES

MR. JARVIS

The role of the political party as an instrument for effectuating the public will. The influence of pressure groups in the formation of public policy. Electoral behavior and American party organization are examined in the context of current political questions.

*Three semester hours credit.*

Junior course. Three hours, first semester.

## 9. INTERNATIONAL RELATIONS

MR. RAITH

National policies of the major world powers in the post-war world against the background of geographic, economic, demographic, and strategic influences, with special emphasis placed on the role of the United States in international relations. Required student reports on current world developments.

*Three semester hours credit.*

Junior course. Three hours, first semester.

## 10. SENIOR SEMINAR

THE STAFF

Limited to those Senior majors who maintain a B average in the department. This seminar is a requirement for all students in the department who desire to qualify for department honors.

*Three semester hours credit.*

Three hours, as arranged, second semester.

## 12. PUBLIC ADMINISTRATION

MR. RAITH

An introduction to the functions and problems of the public service. The problem of methods of executing public policy: personnel, organization, finance, public rela-

tions and responsibility, scope of administrative power, etc. Reorganization and other current problems. *Three semester hours credit.*

Senior course. Juniors admitted by permission of instructor.

Three hours, second semester.

Not given 1952-1953.

#### 14. HISTORY OF POLITICAL THOUGHT

MR. JARVIS

A study of the contributions of the most important thinkers in political science from Plato to the present. Required for all majors. *Three semester hours credit.*

Junior or senior course. Three hours, first semester.

### *Psychology*

*Professor SMOKE, Assistant Professor MATHIAS, and Instructor EDDINS*

Psychology 1 is a prerequisite for all other courses in the department. Requirements for a major include Psychology 1, 10, and 15, and fifteen additional semester hours, as approved by the department. Education 5 may be included. Students looking forward to being recommended for admission to graduate school will be expected to take Psychology 8 and 12.

Psychology majors are advised to take Psychology 3 or 6 immediately after Psychology 1, and to take Psychology 8 no later than their junior year.

At least one year of post-graduate work is almost always required of applicants for positions in psychology.

#### 1. GENERAL PSYCHOLOGY

MR. SMOKE, MR. MATHIAS, and MR. EDDINS

Introduction to the facts and principles of psychology. *Three semester hours credit.*  
Three hours, either semester.

#### 2. BUSINESS AND INDUSTRIAL PSYCHOLOGY

MR. EDDINS

The selection, placement, and training of workers, and the role of personality factors in the efficient operation of business and industrial organizations.

*Three semester hours credit.*

Three hours, second semester.

#### 3. SOCIAL PSYCHOLOGY

MR. SMOKE and MR. EDDINS

Psychological study of human experience and behavior in social situations.

*Three semester hours credit.*

Three hours, second semester.

#### 5. APPLIED PSYCHOLOGY

MR. EDDINS

Applications of psychology to such specific areas as market research; public opinion polling; guidance and counseling; criminology; and getting a job. Outside readings and reports in areas of student's special interests. *Three semester hours credit.*

Three hours, first semester.

#### 6. MENTAL HYGIENE

MR. MATHIAS

Principles of personal adjustment and healthy-mindedness.

*Three semester hours credit.*

Three hours, second semester.

## 7. PSYCHOLOGY OF PERSONALITY

MR. SMOKE

The nature of personality, together with the methods and results of its study.

*Three semester hours credit.*

Three hours, first semester.

## 8a. PSYCHOLOGICAL TESTS AND MEASUREMENTS

MR. EDDINS

A survey of tests, inventories, and other instruments, and of statistical computations used in psychology and education.

*Three semester hours credit.*

Two class hours and two laboratory hours, first semester.

## 8b. PSYCHOLOGICAL TESTS AND MEASUREMENTS

MR. EDDINS

Theory and practice in the construction and administration of psychological tests and the interpretation of their results.

*Three semester hours credit.*

Prerequisite: Psychology 8a. Two class hours and two laboratory hours, second semester.

## 9. CHILD AND ADOLESCENT PSYCHOLOGY

MR. EDDINS

The mental growth of the child and the adolescent.

*Three semester hours credit.*

Three hours, second semester.

## 10. EXPERIMENTAL PSYCHOLOGY

MR. SMOKE

Introduction to the purposes, materials, methods, and results of psychological experimentation. Laboratory work and selected readings.

*Three semester hours credit.*

Open only to Juniors and Seniors who are majors in the department.

Two class hours and two laboratory hours, second semester.

## 12. ADVANCED GENERAL PSYCHOLOGY

MR. MATHIAS

Motivation, perception, learning, and other topics in general psychology for advanced students.

*Three semester hours credit.*

Prerequisite: At least twelve semester hours in psychology. Three hours, first semester.

## 13. INTRODUCTION TO CLINICAL PSYCHOLOGY

MR. MATHIAS

A survey of the field of clinical psychology; its problems, methods, and areas of application.

*Three semester hours credit.*

Prerequisite: At least six semester hours in Psychology.

Junior and Senior course. Three hours, second semester.

## 14. ABNORMAL PSYCHOLOGY

MR. MATHIAS

Psychological approach to the problems of mental deficiency and insanity.

*Three semester hours credit.*

Junior and Senior Course. Three hours, second semester.

## 15. SENIOR READING COURSE

MR. SMOKE

Supervised reading in psychology.

*Semester hours as arranged.*

Open only to Seniors who are majors in the department. Conference hours as arranged, either semester.

## *Reserve Officers' Training* *(ROTC and AFROTC)*

Gettysburg College participates in the national security program by offering to its students, in cooperation with the armed forces, the opportunity to acquire training for future military leadership in the event of a national emergency. This training is conducted by members of the regular services through integrated courses taught by means of classroom lectures and recitations, conferences, seminars, and practical applications. Adequate equipment of the most modern type, including radios, motor vehicles, recoilless weapons, small arms, films, charts, instruments, models, etc. are available for instructional purposes. Regular texts and uniforms are furnished by the United States Government.

Training in this reserve officer program is available in two services: Military Science and Tactics (or Army), and Air Science and Tactics (Comptrollership Division and Flight Operations Division). The first is designated as the Reserve Officers' Training Corps or ROTC, and the latter as the Air Force Reserve Officers' Training Corps or AFROTC.

Both these training programs are divided into two general courses, Basic and Advanced. The Basic course, taken during the freshman and sophomore years, is general in nature and may be elected instead of Physical Education activities for those years. The ROTC program is open to all physically qualified men students who are citizens of the United States, and the AFROTC program is open to both men and women students who meet the same standards. Enrollment involves no obligation for future military service. During this Basic course texts and uniforms are furnished on a loan basis.

Students enrolling for the Advanced course, taken during the Junior and Senior years, are selected from those who have completed the Basic course and who have demonstrated a satisfactory level of proficiency and leadership. Veterans of World War II may be granted credit in lieu of the Basic course.

During the Advanced course uniforms, texts, and equipment are furnished, and students are paid at the rate of approximately \$324.00 a year. Between the Junior and Senior years all Advanced course men are obliged to attend a summer camp for a period of approximately six weeks for practical training, during which time they are paid at the rate of \$75.00 a month in addition to transportation, food, and clothing.

Upon graduation, a man is tendered a commission as a second lieutenant in the Officer's Reserve Corps. A graduate may request a transfer of his reserve commission to a branch other than that in which he received his training, and those who have demonstrated outstanding ability may be accepted by the regular services if they so desire. Top priority for flight training is given to graduates of the AFROTC.

Under present circumstances, men participating in the ROTC and AFROTC programs are deferred from induction under Selective Service regulations until graduation, if satisfactory academic progress is maintained, provided they demonstrate that they possess the qualities necessary to become Army or Air Force officers, and provided that they agree to accept Regular or Reserve commissions if tendered, and to serve at least two years on active duty if called and six years in the Reserves.

As yet no provision has been made to grant commissions to women who have completed the AFROTC program, but such action is anticipated in the near future.

## *Military Science and Tactics*

*Professor SPICER, Assistant Professors RICHARDS and EISMANN, Instructors REUS, PARKS, NAVICKAS, RION, FISCUS, DeBORDE, and BELL*

### BASIC COURSE

#### 1. BASIC COURSE, FRESHMAN

Military organization, military policy of the United States, military problems of the United States; map and aerial photograph reading; hygiene and first aid; leadership, drill and exercise of command; evolution of warfare; weapons and marksmanship.

*Four semester hours credit.*

Three periods, throughout the year.

#### 2. BASIC COURSE, SOPHOMORE

Leadership, drill and command; military organization; individual and crew-served weapons; scouting and patrolling; combat formations; technique of fire of rifle squad; tactics of the rifle squad; rifle marksmanship.

*Four semester hours credit.*

Three periods, throughout the year.

### ADVANCED COURSE

#### 3. ADVANCED COURSE, JUNIOR

Leadership, drill and command; military organization; weapons—machine guns, mortars, tanks, rocket launchers, recoilless rifles, land mines; communications; estimate of the situation; orders; gunnery; field fortifications; military intelligence; tactics of rifle platoon and company, heavy weapons platoon and company.

*Eight semester hours credit.*

Five periods, throughout the year.

#### 4. ADVANCED COURSE, SENIOR

Leadership, drill and command; teaching methods; military organization; command and staff; motors and transportation; communications; administration; military law and boards; new developments; psychological warfare; the military team; troop movements; supply and evacuation; tactics of infantry battalion; geographical foundations of national power.

*Eight semester hours credit.*

Five periods, throughout the year.

## *Air Science and Tactics*

*Professor FULTON, Assistant Professors McKEAND, MULLER, and WILLIAMS, Instructors HALLAS, JOHNSON, LEONARD, and HUMPHRIES*

### BASIC COURSE

#### 1. BASIC COURSE, FRESHMAN

Observation and practice of military customs, courtesies and leadership, wearing of the uniform, basic elements of drill of the individual, drill in flight formation. General knowledge of Political Geography from the global point of view covering population, economic sufficiency, political behavior, military potential, strategic position and political relations.

*Four semester hours credit.*

Three periods, throughout the year.

## 2. BASIC COURSE, SOPHOMORE

Organization for defense of the United States, map and aerial photography, aerial navigation, meteorology, aerodynamics and propulsion, applied air power, and personal maintenance.

*Four semester hours credit.*

Three periods, throughout the year.

## ADVANCED COURSE

## 3. ADVANCED COURSE, JUNIOR

## 3A. COMPTROLLERSHIP

Statistical services, analysis and presentation of statistics, program standards, Air Force cost control, fiscal accounting, disbursing, budget structure, and responsibilities of the Auditor General.

*Eight semester hours credit.*

Five periods, throughout the year.

## 3B. FLIGHT OPERATIONS

Major air commands, principles of flight, aircraft engineering, introduction to instruments, air navigation, and meteorology.

*Eight semester hours credit.*

Five periods, throughout the year.

## 4. ADVANCED COURSE, SENIOR

## 4A. COMPTROLLERSHIP

Military administration, military teaching methods, military management, leadership, drill and exercise of command, military law and boards, functions of the Inspector General, AF career development, management analysis, program analysis, cost analysis.

*Eight semester hours credit.*

Five periods, throughout the year.

## 4B. FLIGHT OPERATIONS

Course content not yet announced by Air Force.

*Eight semester hours credit.*

Five periods, throughout the year.

*Romance Languages*

*Professor BACHMAN, Associate Professors HAMME and HARTSHORNE, Assistant Professor FRANCO, Instructors HARBAUGH, REICHERT, and BARRIGA*

Requirements for a major in French or Spanish include a minimum of 24 semester hours above the A Course and 30 semester hours for a teaching major. Requirements for a teaching major or minor in French must include courses 3 and 4, and 5.

Requirements for a major in Spanish must include a reading knowledge of a second foreign language.

## FRENCH LANGUAGE

## A. ELEMENTARY FRENCH

MR. BACHMAN, and MISS REICHERT

Essentials of grammar; practice in composition, reading, and translation.

*Six semester hours credit.*

Three hours, throughout the year.

## 1. INTERMEDIATE FRENCH

MR. BACHMAN, MR. HARTSHORNE, and MISS REICHERT

Grammar review and composition. Reading of selections from modern French authors. *Six semester hours credit.*

Prerequisite: French A or its equivalent. Three hours, throughout the year.

## 3. ADVANCED FRENCH COMPOSITION

MR. BACHMAN

Systematic study of French grammar connected with composition drill. Stress on free composition. *Three semester hours credit.*

Prerequisite: French 1. Three hours, first semester.

## 4. ADVANCED FRENCH CONVERSATION

MR. BACHMAN

This course aims especially to develop facility in oral expression.

*Three semester hours credit.*

Prerequisite: French 1 or equivalent. Three hours, second semester.

## 5. PRACTICAL PHONETICS

MR. BACHMAN

Study of the alphabet of the International Phonetic Association. Major emphasis is placed on oral practice. *Two semester hours credit.*

Alternates with French 6.

Not given 1952-1953.

## 6. INTRODUCTION TO ROMANCE PHILOLOGY

MR. BACHMAN

Morphology of French, Spanish, and possibly Italian. Emphasis on the phenomena having special significance for teachers or graduate students. Recommended to majors and minors both in French and in Spanish. *Two semester hours credit.*

Prerequisite: French 3 and 4 or French 11 and equivalents. Two semester hours, first semester.

Alternates with French 5.

Not given 1952-1953.

## 7. OLD FRENCH LANGUAGE AND LITERATURE

MR. BACHMAN

Study of the various *genres* of medieval French literature. *Two semester hours credit.*

Prerequisite: French 6. Two hours, second semester.

Alternates with French 21.

Not given 1952-1953.

## 9. EXPLICATION DE TEXTES

MR. BACHMAN

Designed for seniors only. Conference hours as arranged, either semester.

*Two semester hours credit.*

Two hours, either semester.

## FRENCH LITERATURE

(The Following Courses Fulfill the One Year Literature Requirement)

## 11. SURVEY COURSE IN FRENCH LITERATURE

MR. BACHMAN

A general survey of French literature from the Middle Ages to the 19th century.

*Six semester hours credit.*

Prerequisite: French 1 or its equivalent. Three hours, throughout the year.

## 13. FRENCH LITERATURE OF THE 19TH CENTURY, 1800-1850

MR. HARTSHORNE

Selections from poets and prose writers of the Romantic and Realistic movements.

*Six semester hours credit.*

Prerequisite: French 1 or its equivalent. Three hours, throughout the year.

Alternates with French 14.

Not given 1952-1953.

## 14. FRENCH LITERATURE OF THE 19TH CENTURY, 1850-1900

MR. HARTSHORNE

Selections from poets and prose writers of the Naturalistic and Symbolistic movements.

*Six semester hours credit.*

Prerequisite: French 1 or its equivalent. Three hours, throughout the year.

Alternates with French 13.

## 15. FRENCH LITERATURE OF THE TWENTIETH CENTURY

MR. BACHMAN

A study of the more recent literary tendencies of France, with special reference to the national life and character.

*Six semester hours credit.*

Prerequisite: French 1 or its equivalent. Three hours, throughout the year.

## 17. FRENCH LITERATURE OF THE 17th CENTURY

MR. BACHMAN

French classicism as revealed in the dramatic works of Corneille, Molière, and Racine. Study of the representative prose writers.

*Six semester hours credit.*

Prerequisite: French 1 or its equivalent. Three hours, throughout the year.

Alternates with French 18.

## 18. FRENCH LITERATURE OF THE 18TH CENTURY

MR. BACHMAN

Critical study of the "*esprit philosophique*" as illustrated in the writings of Montesquieu, Voltaire, Diderot, d'Alembert, Buffon, Rousseau, and others.*Six semester hours credit.*

Prerequisite: French 1 or its equivalent. Alternates with French 17.

Alternates with French 17.

Not given 1952-1953.

## FRENCH CIVILIZATION, METHODS, SEMINAR

## 21. HISTORY OF FRENCH CIVILIZATION

MR. BACHMAN

A survey of French history, emphasizing the French contributions to the political, social, and cultural movements of Europe.

*Two semester hours credit.*

No language requirements. Two hours, second semester.

Alternates with French 7.

Not given 1952-1953.

## 23. METHODS OF TEACHING FRENCH

MR. BACHMAN

Lesson planning in conjunction with grammar review; discussions concerning the cultural material to be used; selection of suitable texts.

Open only to juniors and seniors who expect to teach and who have been recommended by the department head.

*Three semester hours credit.*

Three hours, first semester.

## 25. THESIS IN FRENCH

THE STAFF

Open only to Seniors who are members of Phi Sigma Iota. *Two semester hours credit.*  
Conference hours as arranged, either semester.

## SPANISH LANGUAGE

## A. ELEMENTARY SPANISH

MR. BACHMAN, MR. HARTSHORNE, MISS HARBAUGH, and MR. BARRIGA

Fundamentals of grammar and reading.

*Six semester hours credit.*

Three hours throughout the year.

## 1. INTERMEDIATE SPANISH

MR. FRANCO, MR. HAMME, and MISS HARBAUGH, and MR. BARRIGA

Review of Spanish grammar, conversation, translation, and composition.

*Six semester hours credit.*

Prerequisite: Spanish A or its equivalent. Three hours, throughout the year.

## 2. ADVANCED COMPOSITION AND CONVERSATION

MR. FRANCO

Social and business letter writing, short Spanish themes, advanced grammar, and conversation based on current events and life-situations. *Six semester hours credit.*

Prerequisite: Spanish 1 or its equivalent. Three hours throughout the year.

Not given 1952-1953.

## SPANISH LITERATURE

The following courses fulfill the one-year Literature requirement. All three hours throughout the year. Prerequisite for all courses up to 20: Spanish 1 or its equivalent.

## 10. LENGUA Y LITERATURA (SURVEY COURSE IN SPANISH LITERATURE)

MR. FRANCO

A study of the development of the Spanish géneros literarios to the present day. Geographical and historical background. Reading and discussion of selection from some of the most outstanding authors of each period. *Six semester hours credit.*

## 11. SPANISH-AMERICAN LITERATURE

MR. HAMME

A survey course with emphasis on poetry and the novel. *Six semester hours credits*

## 12. NINETEENTH CENTURY SPANISH DRAMA

MR. FRANCO

Romantic and post-romantic Spanish drama from the Duque de Rivas to Espronceda. *Six semester hours credit.*

Not given 1952-1953.

## 13. NINETEENTH CENTURY SPANISH NOVEL

MR. FRANCO

The costumbrista movement. Reading and discussion of works from Cecilia Böhl de Faber to and including some of the works by Pérez Galdós.

*Six semester hours credit.*

14. CONTEMPORARY SPANISH NOVEL MR. HAMME  
Reading and study of novels beginning with the Generation of '98.  
*Six semester hours credit.*  
Prerequisite: Spanish 1 or its equivalent.  
Not given 1952-1953.
15. CONTEMPORARY SPANISH DRAMA MR. FRANCO  
Reading and study of the outstanding plays of the 20th Century beginning with the Generation of 1898.  
*Six semester hours credit.*  
Not given 1952-1953.
16. MEXICAN LITERATURE MR. HAMME  
The development of Mexican Literature, with a study of the Colonial, Romantic, Modernista, and the Contemporary periods.  
*Six semester hours credit.*
17. NOVELA DEL SIGLO DE ORO MR. HAMME  
Study of *La novela picaresca* and *Don Quijote*.  
*Six semester hours credit.*  
Three hours, throughout the year.  
Not given 1952-1953.
18. TEATRO DEL SIGLO DE ORO MR. FRANCO  
Lope de Vega and other dramatists of the Siglo de Oro.  
*Six semester hours credit.*  
Three hours, throughout the year.  
Not given 1952-1953.
21. SPANISH-AMERICAN CULTURE AND PROBLEMS MR. FRANCO  
Social, economic, and political problems of Spanish America. Study and interpretation of contemporary Latin American essays.  
*Six semester hours credit.*  
Prerequisite: at least one Spanish Literature course from Numbers 10 to 20.  
Three hours, throughout the year.

### SPANISH CIVILIZATION, METHODS, SEMINAR

31. METHODS AND TECHNIQUE OF TEACHING SPANISH MR. FRANCO  
Teaching methods and technique, lesson planning, selection of textbooks, remedial teaching. Lectures, reports, and classroom practice.  
*Three semester hours credit.*  
For teaching majors. Hours as arranged.  
Three hours. First semester.  
Given in alternate years.  
Not given 1952-1953.
32. THESIS IN SPANISH MR. HAMME and MR. FRANCO  
Research and outlining. Individual conferences.  
*Two semester hours credit.*  
Two hours either semester. Conference hours as arranged.  
Prerequisite: Any course from the group 10-30.

## ITALIAN LANGUAGE

## A. ELEMENTARY ITALIAN

MR. BACHMAN

Fundamentals of grammar and reading.

*Six semester hours credit.*

Three hours, throughout the year.

*Shorthand*

MR. RAU

## 1. ELEMENTARY SHORTHAND

MR. RAU

Intensive study and practice in Gregg Shorthand.

*No semester hours credit.*

Three hours, to be arranged, throughout the year.

## 2. ADVANCED SHORTHAND

MR. RAU

Correlation of shorthand and typewriting in office practice. Minimum shorthand speed requirement, 100 words per minute.

*No semester hours credit.*

Prerequisites: Shorthand 1 and Typewriting. Three hours, throughout the year.

*Social Science**Professors* RICHARDSON, FORTENBAUGH, STOKES, SMOKE, WALTEMYER, *Assistant Professors*

STUART and JARVIS

The Social Science major is planned primarily to meet the needs of those students who wish general knowledge of the social sciences or those students who intend to continue their preparation for work in one of these fields in graduate school. A student who majors in Social Science needs no related minor. Requirements for a major are 42 semester hours, including the following courses: Economics 3a; Philosophy 1a; Political Science 1a, Psychology 1; Sociology 1, 2, 10. The remaining hours are to be selected from the following list with the approval of the adviser. Prospective teachers are advised to include Sociology 11. Descriptions of the courses mentioned below may be found among the listings of the departments which offer the courses.

COURSE NO.	DESCRIPTIVE TITLE	SEMESTER HOURS
Bible 4	Church History	6
Bible 12	The Hebrew Prophets	2
Bible 13	Contemporary Religious Thought	3
Economics 11	Labor Problems and Organization	6
Education 40	Principles of Guidance and Personnel Work	3
History 1	History of Western Civilization	6
History 3 or 6	History of the United States and of Penna.	6
Mathematics 23	Statistics	3
Philosophy 1b	Contemporary World Philosophies	3
Philosophy 4	Ethics	6
Philosophy 8	Political Ideals in Conflict	3
Philosophy 12	Philosophy of Religion	3
Philosophy 17	Influential Criticism	3
Political Science 1b	State and Local Government	3

Political Science 6	Business and Government	3
Political Science 14	History of Political Thought	3
Political Science 12	Public Administration	3
Psychology 3	Social Psychology	3
Psychology 6	Mental Hygiene	3
Psychology 7	Psychology of Personality	3
Psychology 14	Abnormal Psychology	3
Sociology 5	Marriage and the Family	3
Sociology 7	Anthropology	3
Sociology 8	Mass Communication	3
Sociology 9	The Community	3
Sociology 11	Teaching Methods in Social Science	3
Sociology 12	Modern Social Movements	3
Sociology 13	Society and Education	3
Sociology 14	Contemporary American Culture	3

## *Sociology*

*Professor* RICHARDSON, *Assistant Professors* STUART, LANGERHANS, and SCHUBART

All students who wish to minor in Sociology should include Sociology 1, 2, and 10. Sociology 1 is a prerequisite for all other courses in the department.

### 1. PRINCIPLES OF SOCIOLOGY

MR. SCHUBART

Survey of the basic forms of human association and interaction; culture and personality; collective behavior; institutions; social organization; social change.

*Three semester hours credit.*

Three hours, either semester.

### 2. SOCIAL PROBLEMS

MR. LANGERHANS

An analytical and critical approach to the problems of society. The course will examine such problems as population, race prejudice, mass communication, crime and delinquency, education, religion, and the modern family.

*Three semester hours credit.*

Three hours, second semester.

### 5. MARRIAGE AND THE FAMILY

MR. STUART

Functions of the family; marriage and family adjustments; factors affecting mate selection, marital relations, and family stability in contemporary society.

*Three semester hours credit.*

Three hours, second semester.

### 7. ANTHROPOLOGY

MR. STUART

A study of man, beginning with primitive contemporary and prehistorical societies and proceeding to higher civilizations. The course will deal with human origins, the development and transmission of culture, racial differentiation, and the backgrounds of human institutions.

*Three semester hours credit.*

Three hours, first semester.

## 8. MASS COMMUNICATION

MR. LANGERHANS

Relationship of public opinion to social control and collective behavior. Special attention is given to the various media of mass communication, such as the newspaper, radio, motion picture, and to the problems of monopoly, propaganda, and freedom.

*Three semester hours credit.*

Three hours, second semester.

## 9. THE COMMUNITY

MR. LANGERHANS

Consideration of the social and political organization, environmental and economic bases and social problems of modern rural and urban communities in America. Part of the course includes field work (survey) in the community of Gettysburg.

*Three semester hours credit.*

Three hours, first semester.

## 10. SOCIOLOGICAL THEORIES

MR. SCHUBART

Survey of the leading theories of social organization. Environmental, racial, psychological, economic, historical, and political schools of thought will be considered.

*Three semester hours credit.*

Three hours, second semester.

## 11. METHODS OF TEACHING THE SOCIAL STUDIES

This course deals with the techniques employed by teachers in presenting social studies materials on different grade levels and in various situations. Methods in relation to pupil population, equipment, and school objectives are discussed. Also examined are the content, function, and organization of social studies materials for teaching purposes; this includes a review of the usual social studies courses with suggestions for reorganization. Specific analysis is given of such items as units, class discussions, reading, visual aids, trips, teacher planning, and student evaluation.

*Three semester hours credit.*

Three hours, second semester.

## 12. MODERN SOCIAL MOVEMENTS

MR. LANGERHANS

The dynamics of social movements and mass manipulation. Organizational forms and ideologies. Trade unions and Socialist Parties. Patterns of revolution: 1789, 1848, 1917, 1949. Marx to Mao. Background of bolshevism and fascism and National Socialism. International Communism, its methods of organization, propaganda, and terror.

*Three semester hours credit.*

Three hours, first semester.

## 13. SOCIETY AND EDUCATION

MR. LANGERHANS

Comparative treatment of training and learning processes in selected societies, including our own, emphasizing the relation of aims, functions, and degree of formalization of education in the particular society to the history, structure, and needs of the culture.

*Three semester hours credit.*

Three hours, first semester.

## 14. AMERICAN CULTURE

MR. SCHUBART

A study of the growth of some major institutions and intellectual traditions which have contributed to the formation of the American ideology.

*Three semester hours credit.*

Three hours, first semester.

## 15. INDUSTRIAL SOCIOLOGY

A study of the rise and scope of industrial sociology as a scientific discipline and its relation to applied fields of study. The course will examine the social organization of the world of work, the social adjustments of the worker, the major problems of applied industrial sociology, and the impact of industry upon the local community and the national society. It is designed primarily for students of general sociology but is also recommended for students of labor and management.

*Three semester hours credit.*

### *Spanish*

(See Romance Languages)

### *Speech*

(See English)

### *Typewriting*

MR. RAU

## 1. ELEMENTARY TYPEWRITING

MR. RAU

Use and care of the typewriter. Drills in touch typewriting. *No semester hours credit.*  
Four laboratory hours, to be arranged, throughout the year.

## 2. ADVANCED TYPEWRITING

MR. RAU

Drills for speed and office practice. Minimum requirement, 45 words per minute  
*No semester hours credit.*

Prerequisite: Typewriting 1 or the equivalent. Four laboratory hours, throughout the year.

# Alumni Organizations

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## *The Alumni Association*

The Gettysburg College Alumni Association, founded in 1835, is comprised of graduates of the College and former students who were regularly matriculated. It is organized to foster and promote the welfare of Gettysburg College and to maintain good fellowship among the members. Though the Association meets but once a year, the Alumni Council meets at the spring and fall Homecomings. The Executive Committee meets each January to plan and execute organization affairs.

Many local branches of the Association hold frequent meetings.

### *Executive Committee*

#### ASSOCIATION OFFICERS

President.....	JOHN A. APPLE, '19, 1122 E. Market St., Sunbury
Vice-President.....	RALPH W. HOCH, '16, 191 Treaty Rd., Drexel Hill
Alumni Secretary.....	C. PAUL CESSNA, '15, Gettysburg College
Recording Secretary...	JANE ANN LILlich, '47, 86 Admiral Blvd., Baltimore 22, Md.
Treasurer.....	JOHN D. MCGRAW, '33, 2124 Delaware Ave., Pittsburgh 18

#### CHAIRMEN OF STANDING COMMITTEES

Alumni Clubs.....	MRS. CARL O. GLEITSMANN, '39
Alumni Days.....	HENRY M. SCHARF, '25
Endowment and Scholarship.....	RAY A. BARNARD, '15
Finance.....	WILLIAM H. B. STEVENS, '26
Medal.....	HOMER W. CRIST, '25
Nominating.....	CHESTER S. SIMONTON, '16
Public Relations.....	GEORGE B. BAKER, '20
Secondary Schools.....	MRS. C. E. HUBSCH, '38
Undergraduate.....	MRS. LESTER O. JOHNSON, '33

#### PAST PRESIDENTS

H. H. BEIDLEMAN, '12	C. L. S. RABY, '09
C. E. GERBERICH, '12	H. G. PORTS, '25
R. C. DOUGHERTY, '00	W. H. PATRICK, JR., '16
F. R. SEIBEL, JR., '26	

#### MEMBERS-AT-LARGE

EDWARD EHLERS, '98.....	Term Expires 1952
JAMES S. GLAES, '16.....	Term Expires 1953
WALTER E. HESS, '24.....	Term Expires 1954
G. LISLE BEERS, '21.....	Term Expires 1955

## *Local Club Organizations*

### ALTOONA, PA.

President.....F. M. HALLER, '29, P. O. Box 89  
 Secretary.....R. W. FLENNER, '17, 1116 25th Ave.

### BALTIMORE, MD.

President.....W. N. DORN, '33, 1549 Northwick Rd.  
 Secretary.....MARIE BRETTSCHEIDER, '49, 4611 Mary Ave.

### BUFFALO, N. Y.

President.....L. A. GREENFIELD, '40, 628 W. Ferry St.  
 Secretary.....R. A. CARLSON, '17, 825 Auburn Ave.

### CENTRAL PENNSYLVANIA

President.....S. E. WICKER, '14, 5 W. 3rd St., Lewistown  
 Secretary.....JACK KYLE, '22, Mifflintown

### CHAMBERSBURG, PA.

President.....N. F. KELLER, '12, 12 N. Potomac St., Waynesboro  
 Secretary.....MRS. C. Q. SMITH, '27, Box 353, Chambersburg

### CHICAGO, ILL.

President.....M. H. STILES, '25, 5409 Magnolia Ave.  
 Secretary.....C. W. BAUDER, '26, 843 Washington Blvd., Oak Park, Ill.

### CLEVELAND, OHIO

President.....J. M. BLOCHER, '13, 379 Beech St., Berea, Ohio

### FAITHFUL FIFTY (Philadelphia, Pa., Social Group)

President.....C. L. S. RABY, '09, 4616 Pilling St., Philadelphia 24  
 Secretary.....NORMAN S. HAAS, '43, 6032 Alma St., Philadelphia 24

### FREDERICK—CARROLL COUNTY

President.....HERMAN HAUVER, '33, 13 E. "A" St., Brunswick, Md.  
 Secretary.....R. H. MILLER, '29, 111 First Ave., Brunswick, Md.

### HAGERSTOWN, MD.

President.....R. H. RYDER, '26, 100 Club Road  
 Secretary.....H. L. SPESSARD, '26, 911 View St.

### HARRISBURG, PA.

President.....JOHN CANDIOTA, '50, 1841 Herr St.  
 Secretary.....JOAN SMITH, '46, 316 Market St., Newport

### JOHNSTOWN, PA.

President.....R. H. HENDERSON, '46, 605 Fronheiser St.  
 Secretary.....C. C. DOVEY, '48, 345 Luzerne St.

## LANCASTER, PA.

President.....AUSTIN HESS, '48, Akron  
 Secretary.....BETTY EDWARDS, '48, 63 S. Franklin St., Lancaster

## LEBANON AND SCHUYLKILL COUNTIES

President.....B. L. CRIST, '19, Pine Grove  
 Secretary.....R. T. SELTZER, '32, 64 Center Ave., Schuylkill Haven

## LEHIGH VALLEY

President.....A. G. MACMILLAN, '24, 114 Mountain Blvd., Emmaus  
 Secretary.....E. S. FLEMING, '31, 2011 Washington Blvd., Easton

## LOUISIANA

President.....M. W. MILLER, '20, 1109 Eleanore St., New Orleans

## NEW YORK

President.....LLOYD VAN DOREN, '09, 100 Park Ave., New York 17  
 Secretary.....F. A. KISTER, '13, 32 Broadway, New York

## NORTH CENTRAL PENNSYLVANIA

President.....R. L. SHADLE, '37, Selinsgrove  
 Secretary.....P. F. CURFMAN, '26, Northumberland

## PHILADELPHIA, PA.

President.....MRS. C. E. HUBSCH, '38, 521 Monroe Rd., Merion  
 Secretary.....W. H. HEWSON, '49, 6300 Overbrook Avenue, Philadelphia

## PITTSBURGH, PA.

President.....ROBERT MELLIN, '12, 1906 Clark Bldg.  
 Secretary.....B. E. KELLER, 3009 Gilmore Ave.

## READING AND BERKS COUNTY, PA.

President.....J. L. SHARETTS, '20, 2433 Filbert St., Reading  
 Secretary.....G. K. NEWBOULD, '31, Central Y. M. C. A., Reading

## SOMERSET, PA.

President.....F. S. HOFFMAN, '29, 223 N. Franklin Ave., Somerset  
 Secretary.....R. L. YUND, '19, Sipesville

## SOUTHERN CALIFORNIA

President.....J. B. WEAVER, '39, 9300 Cranshaw Blvd., Inglewood  
 Secretary.....R. Z. IMLER, '00, 306 Levermore Ter., Los Angeles

## SOUTHERN WEST VIRGINIA

President.....J. D. HOLLENBECK, '14, P. O. Box 846, Huntington, W. Va.  
 Secretary.....R. E. UMBERGER, '25, 2909 Washington Blvd., Huntington, W. Va.

## WASHINGTON, D. C.

President.....L. D. FOLKEMER, '37, 9605 Howard Ave., Bethesda 14, Md.  
Secretary.....ELIZABETH KRUMRINE, '45, Apt. 106, 21 Riggs Rd., N. E.

## WESTERN MARYLAND

President.....L. M. SOWERS, '23, 22 E. Main St., Lonaconing  
Secretary.....J. M. McALPINE, '31, 747 Washington St., Cumberland

## WYOMING VALLEY

President.....J. F. SALLADA, '27, 25 Mallery Pl., Wilkes-Barre  
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## YORK COUNTY

President.....H. L. GRAYBILL, '24, 764 Hill St., York  
Secretary.....MRS. GLADYS WAMPLER, '28, 536 W. Market St., York

# Students in College

## Senior Class

CLASS OF 1952

### Candidates for the Degree of Bachelor of Arts

- Abbott, Richard S., *S.S., Sunbury, Pa.*  
Altland, Robert C., *Bio., York, Pa.*  
Alwine, Earl H., *Chem., New Freedom, Pa.*  
Andrew, Samuel E., *Econ., Amity, Pa.*  
Andrews, Kenneth J., *Econ., Bordentown, N. J.*  
Anthony, Hayes W., *Bio., Hanover, Pa.*  
Asch, David J., *Econ., Greenville, Del.*  
Aungst, Kenneth W., *Econ., Harrisburg, Pa.*  
Austin, John Henry S., *P.S., Aberdeen, Md.*
- Bacik, Richard M., *Phy., Ferguson, Mo.*  
Bailey, Thomas W., *Econ., Danville, Pa.*  
Ballantyne, Ruth I., *Hist., Havertown, Pa.*  
Barkhouser, Richard G., *Eng., Staunton, Va.*  
Barnes, Lloyd J., *Econ., Baltimore, Md.*  
Barranco, Frank H., *Chem., Westfield, N. J.*  
Barrick, Richard L., *Bio., Shermansdale, Pa.*  
Beaver, Jeanne, *Psy., Harrisburg, Pa.*  
Beck, Rodney B., *Chem., York, Pa.*  
Beckner, Martin McHale, *Econ., York, Pa.*  
Bender, Charles B., Jr., *Econ., Gettysburg, Pa.*  
Bennett, Newton W., *Chem., Philadelphia, Pa.*  
Best, Raymond C., *S.S., Williamsport, Pa.*  
Biros, Joseph B., *P.E., York, Pa.*  
Bitner, Robert K., *Econ., Middletown, Pa.*  
Bixby, Leroy F., *Econ., West Englewood, N. J.*  
Blanchard, Margaret H., *Bio., Ramsey, N. J.*  
Blose, William A., *Chem., Greensburg, Pa.*  
Blymire, George S., Jr., *Econ., Mt. Wolf, Pa.*  
Bond, Albert D., *Econ., Paulsboro, N. J.*  
Boynton, James F., *Econ., Charlotte, N. C.*  
Bracey, Marianne, *Fr., Gettysburg, Pa.*  
Bradley, Arthur R., *Econ., Fairlawn, N. J.*  
Brenholtz, George W., *P.S., Hellertown, Pa.*  
Brennan, Charles L. S., Jr., *Bio., Gloucester, N. J.*  
Bright, Thomas C., *Bio., Norristown, Pa.*  
Brown, Henry K., *Hist., Silver Spring, Md.*  
Buck, Coral D., *Econ., Brooklyn, N. Y.*
- Cadmus, Richard A., *Bio., Westfield, N. J.*  
Cervino, John R., *Hist., Haddon Heights, N. J.*  
Chapman, William K., *Econ., Odessa, N. Y.*  
Clark, Dale E., *Econ., Benderville, Pa.*  
Clark, John W., *Econ., South Deerfield, Mass.*  
Clarke, Earl M., *S.S., Lititz, Pa.*  
Clement, Elizabeth A., *S.S., Upper Darby, Pa.*  
Clouser, Karl D., *Phil., Middletown, Pa.*  
Coder, Eugene E., *P.S., Conshohocken, Pa.*  
Compagnone, Joseph A., *Bio., Milford, Mass.*  
Conner, William H., Jr., *Psy., Havertown, Pa.*  
Cramer, Kenneth C., *Econ., Morris Plan, N. J.*  
Cromwell, John E., *Econ., Gettysburg, Pa.*
- Davies, Alice K., *Eng., Easton, Pa.*  
Day, Joseph S., *P.E., Souderton, Pa.*  
Decamp, Howard S., *Chem., Collingswood, N. J.*  
Dellabough, Robert B., *P.E., Teaneck, N. J.*  
DeSimone, Clino G., *Eng., Middletown, Conn.*  
DeSimone, Samuel G., *Paulsboro, N. J.*  
DeVries, Robert E., *Ger., Jackson Heights, N. Y.*  
Dickey, Ruth A., *Eng., Somerset, Pa.*  
Dillon, Thomas F., *Econ., Philadelphia, Pa.*  
Dubbs, Dean N., *Econ., Hanover, Pa.*
- Ebbert, Daniel G., *P.E., Biglerville, Pa.*  
Ebeling, Kenneth A., *Lat., Waynesboro, Pa.*  
Ellsworth, Bruce D., *Econ., Merchantville, N. J.*  
Emery, Robert J., *Econ., North Arlington, N. J.*  
Emlet, Patricia A., *Math., Loysville, Pa.*  
Erdman, Dean R., *Chem., Harrisburg, Pa.*
- Fandrick, George H., *Econ., Camden, N. J.*  
Fausold, Priscilla A., *S.S., Valois, N. Y.*  
Feltman, Howard L., *Sp., Willow Grove, Pa.*  
Fernekas, Eugene E., *Econ., Teaneck, N. J.*  
Fickel, James R., Jr., *Econ., Carlisle, Pa.*  
Fluharty, Eugene L., *Econ., Penns Grove, N. J.*  
Forry, Milton G., Jr., *Chem., Dillsburg, Pa.*  
Foster, Elizabeth A., *S.S., Westville, N. J.*  
Foster, Howell S., Jr., *Hist., Philadelphia, Pa.*  
Frain, Frank J., *Econ., Buenos Aires, Argentina*  
Francis, George F., *Econ., Holmdel, N. J.*  
Fritz, Earl M., *Hist., Verdon, Neb.*  
Frock, Harold N., *Phy., Hanover, Pa.*  
Fuhro, Carol Y., *Sp., Woodridge, N. J.*
- Gardner, Harry C., *Econ., Johnstown, Pa.*  
Gardner, Irvin H., *Econ., Manchester, Pa.*  
Gardner, Kenneth V., *Bio., York, Pa.*  
Gearey, Thomas P., III, *Econ., Havertown, Pa.*  
George, Daniel J., *Chem., Minersville, Pa.*  
Gerard, Reed C., *P.S., Carmel, Calif.*  
Gibson, Richard B., *Econ., Philadelphia, Pa.*  
Gilmour, Virginia A., *Eng., York, Pa.*  
Gladfelter, Wilbert E., *Bio., York, Pa.*  
Goff, Ruth A., *Math., Harrisburg, Pa.*  
Griest, Alexander W., *Econ., Flora Dale, Pa.*
- Hall, Virginia, *Sp., Springfield, Pa.*  
Hamme, David C., *Math., York, Pa.*  
Hare, George T., *Bio., Barrington, N. J.*  
Harford, John W., *P.E., Waynesboro, Pa.*  
Hartman, Gertrude M., *Chem., Trenton, N. J.*  
Hauver, Elwood E., *Econ., Smithburg, Md.*  
Henderson, John J., *Ger., Gettysburg, Pa.*

- Hendley, Barbara A., *Psy.*, Baltimore, Md.  
 Hess, Boyd G., *Econ.*, Conestoga, Pa.  
 Hinman, Herbert S., *S.S.*, Summit, N. J.  
 Hislop, Barbara, *Econ.*, Lynbrook, N. Y.  
 Hoenniger, Frederick B., *Econ.*, Richmond, Va.  
 Howe, William L., *Bio.*, Clearfield, Pa.  
 Huber, JoAnn E., *Sp.*, Bethlehem, Pa.  
 Hughes, James D., *Econ.*, Westminster, Md.  
 Hunsberger, Susan B., *P.E.*, Collegeville, Pa.  
 Hunter, William A., *Econ.*, Tarentum, Pa.  
 Hurley, Robert D., *Econ.*, Teaneck, N. J.
- Imhoff, William C., *Econ.*, York, Pa.
- Johnson, Robert W., *Econ.*, Cranford, N. J.  
 Jones, Marion M., *Lat.*, Narberth, Pa.  
 Jones, Robert L., *Chem.*, Pitman, N. J.  
 Joseph, Stanley R., *Bio.*, York, Pa.
- Kabot, Frank J., *Chem.*, Warren, Pa.  
 Kaufman, Robert L., *Bio.*, Altoona, Pa.  
 Keiser, William P., *Math.*, Williamsport, Pa.  
 Keller, David H., Jr., *Econ.*, East Stroudsburg, Pa.  
 Kennedy, Walter J., Jr., *Econ.*, Yonkers, N. Y.  
 Kerrigan, Thomas A., *Hist.*, Philadelphia, Pa.  
 Kerstetter, Lois M., *Eng.*, Enola, Pa.  
 Ketterman, Thomas D., *Econ.*, York, Pa.  
 King, Robert D., *Hist.*, Littlestown, Pa.  
 Kipsey, Lois A., *Hist.*, North Plainfield, N. J.  
 Kloter, Janet S., *P.S.*, Rockville, Conn.  
 Knapp, George W., *P.S.*, Wyncote, Pa.  
 Knauss, Bruce M. J., *P.E.*, Emmaus, Pa.  
 Knecht, Janet N., *Eng.*, Tower City, Pa.  
 Koch, Harry J., *P.E.*, Kingston, N. Y.  
 Kordalewski, Andrew P., *Phy.*, Westminster, Md.  
 Krissinger, Richard S., *Econ.*, Hartford, Conn.  
 Kruse, Ernest J., *Econ.*, Roselle, N. J.
- Laird, Robert M., Jr., *P.S.*, Hanover, Pa.  
 Lazorishak, Theodore, *P.E.*, Sharon, Pa.  
 Leadbetter, Philip P., *P.S.*, Harwich Centre, Mass.  
 Leckrone, James B., *P.S.*, York, Pa.  
 Leib, Ronald J., *Chem.*, Hanover, Pa.  
 Leibfried, Janet M., *Bib.*, Dummore, Pa.  
 Lenker, John N., *Math.*, Millersburg, Pa.  
 Levendis, George, *Econ.*, Lebanon, Pa.  
 Lewis, Grenville, III, *Econ.*, Hollywood, Md.  
 Lippincott, Scott W., *Econ.*, Haddon Heights, N. J.  
 Locke, Brewster L., *S.S.*, Washington, D. C.  
 Lockwood, William D., *Hist.*, Moorestown, N. J.  
 Logan, John D., *Ger.*, Boiling Springs, Pa.  
 Lotz, Genevieve M., *Hist.*, Zelenople, Pa.  
 Lovell, John R., II, *Math.*, North Arlington, Va.  
 Lowe, Raymond J., *S.S.*, Washington, D. C.
- Mahan, Frederick I., *Phil.*, Charleston, W. Va.  
 Mangels, George H., *Econ.*, Floral Park, N. Y.  
 Markee, Earl H., Jr., *Math.*, Elkins Park, Pa.  
 Maxwell, Howard B., *Hist.*, Upper Darby, Pa.  
 McDaniel, Lee A., *Phil.*, Williamsport, Pa.  
 McGaughy, Hugh A., *Eng.*, Wyomissing, Pa.  
 MacDonald, James M., *Eng.*, Westminster, Md.  
 MacGhee, Peter F., *P.S.*, Moorestown, N. J.  
 Malin, Thomas M., Jr., *Math.*, York, Pa.  
 May, Herbert G., *S.S.*, East Freedom, Pa.  
 Mehring, Edward J., *Econ.*, Littlestown, Pa.  
 Meisenhelter, Glenn J., *Chem.*, York, Pa.  
 Melhorn, Frederick R., *Biol.*, Johnstown, Pa.  
 Mertz, Harry L., Jr., *Chem.*, West Hyattsville, Md.  
 Michener, Leslie M., *Econ.*, Lansdowne, Pa.
- Mickley, Marguerite J., *Biol.*, Cashtown, Pa.  
 Miller, Elwood H., Jr., *Econ.*, Lykens, Pa.  
 Miller, Max E., *P.E.*, Waynesboro, Pa.  
 Mitman, Robert C., *Fr.*, Sellersville, Pa.  
 Moore, Carey A., Jr., *Gr.*, Baltimore, Md.
- Noll, Richard P., *P.S.*, York, Pa.  
 Norris, Gene S., *Math.*, York, Pa.
- Oberkehr, Charles L., *Phil.*, Bronx, N. Y.
- Partikian, Edwin N., *Math.*, Massapequa, N. Y.  
 Perfetti, Leonard A., Jr., *Hist.*, Port Morris, N. J.  
 Pillote, Robert L., *Hist.*, Washington, Pa.  
 Plank, Alice, *Bio.*, Gettysburg, Pa.  
 Proctor, George N., *Econ.*, Verona, N. J.  
 Pursel, Margaret J., *Fr.*, Harrisburg, Pa.
- Ramsey, Robert W., *Fr.*, York, Pa.  
 Raskin, Jay M., *S.S.*, Philadelphia, Pa.  
 Reed, Bertram S., Jr., *Econ.*, Philadelphia, Pa.  
 Reimann, Walter A., *Econ.*, Rockledge, Pa.  
 Resanovich, Milan, *Econ.*, Lebanon, Pa.  
 Reynolds, Harry A., Jr., *Bio.*, Delanco, N. J.  
 Richardson, William F., II, *Econ.*, Harrisburg, Pa.  
 Romesberg, Earl L., *Econ.*, York, Pa.  
 Rommel, Dorothy J., *Sp.*, Philadelphia, Pa.  
 Rose, Joseph J., *Econ.*, York, Pa.  
 Rosenberry, Creston J., *Math.*, Chambersburg, Pa.  
 Royals, Gerald E., *Econ.*, West Englewood, N. J.  
 Ruby, Charles H., *S.S.*, York, Pa.
- Scalzi, Dante V., *Sp.*, Reading, Pa.  
 Schaad, Marilyn L., *S.S.*, Easton, Pa.  
 Schiller, Arthur E., Jr., *Econ.*, Bridgeton, N. J.  
 Schmitt, Frederick W., Jr., *Econ.*, Wynnewood, Pa.  
 Schoen, Robert A., *Hist.*, Havertown, Pa.  
 Schweizer, Robert R., *Bio.*, Merchantville, N. J.  
 Schwering, James E., Jr., *Hist.*, Bethlehem, Pa.  
 Scott, Richard E., *Econ.*, Washington, D. C.  
 Seipel, Harry R., *Econ.*, Easton, Pa.  
 Serfass, Elaine C., *Ger.*, Palmerton, Pa.  
 Shaffer, George C., *P.E.*, Bloomsburg, Pa.  
 Shaffer, Wayne E., *Phy.*, Seven Valleys, Pa.  
 Shaull, Joseph S., *Hist.*, York, Pa.  
 Shearer, Cynthia L., *Psy.*, Philadelphia, Pa.  
 Shuler, William F., *Econ.*, Dover, N. J.  
 Simeone, Richard F., *Psy.*, Cliffside, N. J.  
 Slifer, Joanne R., *P.E.*, Watsonstown, Pa.  
 Small, Francis G., *Econ.*, McSherrystown, Pa.  
 Smeltz, George E., Jr., *Econ.*, New Oxford, Pa.  
 Smith, Edward C., *Econ.*, Dover, N. J.  
 Smith, Hubert C., *Mus.*, Dillsburg, Pa.  
 Snively, Geraldine L., *S.S.*, Mechanicsburg, Pa.  
 Sneider, Jacquelyn M., *S.S.*, Harrisburg, Pa.  
 Snook, Lee E., *Eng.*, Lewistown, Pa.  
 Sohnleitner, John R., *P.E.*, York, Pa.  
 Soult, John G., *Econ.*, Clearfield, Pa.  
 Sowers, Lowell M., *P.S.*, Lonaconing, Md.  
 Spangler, Clyde H., *Math.*, New Oxford, Pa.  
 St. Clair, Sheldon C., *Eng.*, Verona, N. J.  
 Stepler, Robert L., Jr., *Math.*, Chambersburg, Pa.  
 Sterrett, Edgar B., Jr., *Econ.*, Philadelphia, Pa.  
 Stiles, Austin E., Jr., *Chem.*, Dallastown, Pa.  
 Stultz, Dean S., *Econ.*, Gettysburg, Pa.  
 Swain, Charles A., III, *Econ.*, Cape May, N. J.  
 Swisher, Rose M., *Fr.*, Gettysburg, Pa.
- Tarman, James I., *Hist.*, York, Pa.  
 Taylor, Charles C., *Econ.*, Dallastown, Pa.

Taylor, Earle F., Jr., *Math.*, *Harrisburg, Pa.*  
 Taylor, Joseph B., *P.S.*, *Ambler, Pa.*  
 Taylor, Paul E., *Chem.*, *Warren, O.*  
 Taylor, Robert G., *Econ.*, *Emporium, Pa.*  
 Tedeschi, Joseph D., Jr., *P.S.*, *Endicott, N. Y.*  
 Teeter, Frederick K., *Econ.*, *Taneytown, Md.*  
 Terenzini, Richard J., *S.S.*, *Rutland, Vt.*  
 Thomas, David E., *Lat.*, *Middletown, Pa.*  
 Thomas, Richard Davis, *Chem.*, *Collingsdale, Pa.*  
 Thomas, Richard Dean, *Hist.*, *Bellwood, Pa.*  
 Tichenor, Thalia S., *Math.*, *Teaneck, N. J.*  
 Tooker, Robert H., *Econ.*, *Blue Ridge Summit, Pa.*  
 Trone, Robert H., *Hist.*, *Spring Grove, Pa.*  
 Veale, Stewart V., *Econ.*, *Hazleton, Pa.*

Wagener, Bryon A., *Eng.*, *Merchantville, N. J.*  
 Warner, Cleaston F., *Chem.*, *York, Pa.*  
 Warner, Martin L., *Econ.*, *Dallastown, Pa.*

Watson, Warren R., *Econ.*, *Wildwood, N. J.*  
 Weaver, Donald E., *Fr.*, *Gettysburg, Pa.*  
 Wehry, George P., *Econ.*, *Selingsgrove, Pa.*  
 Weidner, Frederick P., *Math.*, *Clearfield, Pa.*  
 Weisser, Frederick G., *Econ.*, *Great Neck, N. Y.*  
 Welsh, Ellen L., *Bio.*, *McConnellsburg, Pa.*  
 Wertman, Nancy L., *Bio.*, *Delano, Pa.*  
 Whittaker, Frank L., *Econ.*, *Merchantville, N. J.*  
 Willhide, Fred R., *Math.*, *Keymar, Md.*  
 Woods, David W., *Phy.*, *Gettysburg, Pa.*  
 Woods, James R., *Econ.*, *Newton, N. J.*  
 Woutersz, Theodore B., *Chem.*, *Harrisburg, Pa.*

Yingling, Jacob M., *Hist.*, *Gettysburg, Pa.*  
 Yoder, John L., *Econ.*, *Harrisburg, Pa.*

Zeller, Donald R., *Econ.*, *Lowville, N. Y.*  
 Zellers, Earl W., *S.S.*, *Lebanon, Pa.*  
 Zinn, Richard L., *Econ.*, *Hanover, Pa.*

## Junior Class

CLASS OF 1953

### Candidates for the Degree of Bachelor of Arts

Aldstadt, Robert H., *P.S.*, *Windber, Pa.*  
 Aierstock, Barbara A., *P.E.*, *Lancaster, Pa.*  
 Alber, Richard C., *Chem.*, *Merchantville, N. J.*  
 Alenson, Robert O., *Econ.*, *Maplewood, N. J.*  
 Arndt, Walter E., *P.S.*, *Collingswood, N. J.*  
 Astin, Alexander W., *Mus.*, *Bethesda, Md.*  
 Ayers, Theodore F., *Hist.*, *Newton, N. Y.*  
 Bastow, Walter B., Jr., *Chem.*, *Ambler, Pa.*  
 Baughman, Glenn L., *Chem.*, *Dover, Pa.*  
 Baumgart, Charles W., *Econ.*, *Teaneck, N. J.*  
 Belk, Marvin L., *Econ.*, *Merchantville, N. J.*  
 Belles, Mary E., *Psy.*, *Williamsport, Pa.*  
 Bergen, June C., *S.S.*, *Short Hills, N. J.*  
 Berger, Joan E., *S.S.*, *Upper Darby, Pa.*  
 Birkel, Raymond H., *Math.*, *Queens Village, N. Y.*  
 Boeckel, Rodman E., *Eng.*, *Tork, Pa.*  
 Bollinger, Donald, *Mus.*, *Gettysburg, Pa.*  
 Book, Mary A., *Bio.*, *Lancaster, Pa.*  
 Bott, Barbara H., *Hist.*, *York, Pa.*  
 Boughter, Donald A., *P.E.*, *Middletown, Pa.*  
 Bowers, Jane L., *Math.*, *Littlestown, Pa.*  
 Bowman, Joseph R., *Econ.*, *Millersburg, Pa.*  
 Braden, Paula L., *Bio.*, *Brooklyn, N. Y.*  
 Bretz, Joseph W., *Phil.*, *East Mauch Chunk, Pa.*  
 Brockmann, Shirley A., *S.S.*, *Elmhurst, Ill.*  
 Brown, Lee T., *Econ.*, *Washington, D. C.*  
 Brownley, Edward R., *P.E.*, *Havertown, Pa.*  
 Brudin, Marian E., *Psy.*, *Baltimore, Md.*  
 Brumagin, Robert T., *Econ.*, *Warren, Pa.*  
 Bublin, Charles A., *P.E.*, *Little Silver, N. J.*  
 Buchholtz, Charles R., *Econ.*, *Allendale, N. J.*  
 Byrne, John C., *P.E.*, *Dobbs Ferry, N. Y.*

Clark, Voris C., *Math.*, *Danville, Pa.*  
 Constantian, Stanley B., *Econ.*, *Teaneck, N. J.*  
 Cook, Charles A., *Math.*, *Aspers, Pa.*  
 Cooper, Eugene G., *Econ.*, *Tower City, Pa.*  
 Cranmer, Eleanor G., *Bib.*, *Beach Haven, N. J.*  
 Crawford, Robert C., *P.S.*, *Camp Hill, Pa.*  
 Creutzburg, Chester C., *Econ.*, *Jersey City, N. J.*  
 Creutzburg, Emil A., *Econ.*, *Teaneck, N. J.*  
 Crock, Anna C., *Sp.*, *Havertown, Pa.*  
 Cummings, Paul H., *Chem.*, *Marlboro, Mass.*  
 Cunningham, Donald L., *Hist.*, *Greensburg, Pa.*

Dale, Pauline A., *Chem.*, *Arlington, Va.*  
 Darlington, Charlotte F., *Bio.*, *West Chester, Pa.*  
 Davis, Charles A., *Phy.*, *Pine Grove, Pa.*  
 Deardorff, Jane E., *S.S.*, *Gettysburg, Pa.*  
 Deisroth, Will A., *S.S.*, *Hazleton, Pa.*  
 DeMichele, Ralph E., *Econ.*, *Guttenberg, N. J.*  
 Detwiler, Robert S., *Econ.*, *Wyncote, Pa.*  
 DeWaele, Charles F., *Psy.*, *Worcester, Mass.*  
 Dickson, Robert B., *P.E.*, *Camp Hill, Pa.*  
 Dolson, Philip J., *Econ.*, *Middletown, Pa.*  
 Dooley, Joseph W., *S.S.*, *East Rockaway, N. Y.*

Earp, William L., *Chem.*, *Washington, D. C.*  
 Ehrman, Robert G., *Hist.*, *Kensington, Md.*  
 Evans, John D., *Econ.*, *Roselle, N. J.*  
 Evans, Pierce F., *Econ.*, *Hasbrouck Heights, N. J.*  
 Ewing, William W., *Econ.*, *Ocean City, N. J.*

Faust, Donald S., *Chem.*, *Harrisburg, Pa.*  
 Fick, Henry D., *Econ.*, *Pearl River, N. Y.*  
 Fitzpatrick, Brian H., *Psy.*, *Red Bank, N. J.*  
 Flood, John M., *Econ.*, *Chevy Chase, Md.*  
 Foose, Ann, *P.E.*, and *S.S.*, *Harrisburg, Pa.*  
 Forte, Franklin R., *Psy.*, *Tork, Pa.*  
 Foster, Robert H., *Econ.*, *Astubula, Ohio*  
 Franco, Carmen M., *Sp.*, *Gettysburg, Pa.*  
 Franz, Frank M., Jr., *Chem.*, *Philadelphia, Pa.*  
 Fry, Robert L., *Bio.*, *Newville, Pa.*  
 Fudge, William E., *Econ.*, *Montour Falls, N. Y.*

Carl, George W., *P.S.*, *Old Zionsville, Pa.*  
 Carr, Fern L., *Psy.*, *Paterson, N. J.*  
 Carr, Harold R., Jr., *Psy.*, *Toledo, Ohio*  
 Carr, Margaret A., *Eng.*, *Milford, Ohio*  
 Cavey, Charles G., Jr., *P.S.*, *Baltimore, Md.*  
 Charles, Russel D., *Chem.*, *Harrisburg, Pa.*  
 Civil, Richard G., *Econ.*, *Englewood, N. J.*

Funk, James J., III, *Bio.*, *Somerset, Pa.*  
 Fuorry, Edward, *Econ.*, *Newark, N. J.*

Gardner, Eugene A., *S.S.*, *Hagerstown, Md.*  
 Garman, Richard W., *P.S.*, *Baltimore, Md.*  
 Geiselman, Ira L., *Hist.*, *Hanover, Pa.*  
 George, Kenneth B., Jr., *Econ.*, *River Edge, N. J.*  
 Grant, Edward A., *P.S.*, *Pearl River, N. Y.*  
 Grant, John A., *Chem.*, *Hanover, Pa.*  
 Grasso, Frank T., Jr., *Econ.*, *Teaneck, N. J.*  
 Greybill, Henry M., *P.E.*, *St. Petersburg, Fla.*  
 Guy, Philip A., *Econ.*, *Williamsport, Pa.*

Haddock, Thomas R., *Hist.*, *Pearl River, N. Y.*  
 Hagy, Kenneth W., *Phy.*, *Havertown, Pa.*  
 Hamer, Harry F., Jr., *Econ.*, *Upper Darby, Pa.*  
 Hamme, Leander G., *Bio.*, *Brodbecks, Pa.*  
 Hammond, James W., *Math.*, *Bradford, Pa.*  
 Haney, George E., *S.S.*, *Bridgeton, N. J.*  
 Harris, Robert R., *Econ.*, *Moorestown, N. J.*  
 Harsch, Mary, *Chem.*, *Havertown, Pa.*  
 Hartman, Anna L., *Lat.*, *Gettysburg, Pa.*  
 Hemler, Joseph H., *Econ.*, *Hanover, Pa.*  
 Henneberger, James E., *Eng.*, *Waynesboro, Pa.*  
 Hennig, Elsa M., *Bio.*, *Dumont, N. J.*  
 Henning, Edward H., *Soc.*, *Little Neck, N. Y.*  
 Herbst, James E., *Econ.*, *York, Pa.*  
 Herrera, Jack E., *Mus.*, *York, Pa.*  
 Hershberger, Alan H., *Econ.*, *Bedford, Pa.*  
 Hess, Joseph B., *Chem.*, *Lititz, Pa.*  
 Hess, Russell B., *Econ.*, *Havertown, Pa.*  
 Hess, Wheeler H., Jr., *Econ.*, *Noxen, Pa.*  
 Hicks, Gladys L., *Math.*, *Chambersburg, Pa.*  
 Hosking, Robert L., *Econ.*, *Ramsey, N. J.*  
 Hossfeld, Harold, *Econ.*, *Teaneck, N. J.*  
 Hott, George H., Jr., *Econ.*, *Charleroi, Pa.*  
 Hottle, Robert E., *Econ.*, *Gettysburg, Pa.*  
 Householder, William K., *Econ.*, *York, Pa.*  
 Huffman, Paul E., *Bio.*, *Indianapolis, Ind.*

Jennison, Richard E., *Econ.*, *Freeport, N. Y.*

Keech, Charles A., *Econ.*, *York, Pa.*  
 Keenan, Frank J., Jr., *Hist.*, *Philadelphia, Pa.*  
 Keener, Patsy A., *S.S.*, *Lampeter, Pa.*  
 Keers, William H., Jr., *Econ.*, *Williamsport, Pa.*  
 Kellow, Dorothy J., *Econ.*, *Easton, Pa.*  
 Kenyon, Richard J., *Chem.*, *Teaneck, N. J.*  
 Kick, Ronald R., *Econ.*, *New York, N. Y.*  
 Kinsey, Glenn W., *Phy.*, *Reading, Pa.*  
 Kleinfelter, Dale F., *Chem.*, *Middletown, Pa.*  
 Kline, Eugene R., *Psy.*, *Lewistown, Pa.*  
 Kling, Richard P., *Hist.*, *York, Pa.*  
 Knoetner, Albert S., *Econ.*, *Audubon, N. J.*  
 Knoll, Ralph J., *Psy.*, *Glenn Olden, Pa.*  
 Knudsen, Roy A., *P.S.*, *Syracuse, N. Y.*  
 Kretschmann, James F., *Hist.*, *Lynbrook, N. Y.*  
 Kulp, Robert H., *Econ.*, *Bally, Pa.*  
 Kulp, Robert H., *Econ.*, *Bally, Pa.*  
 Kurz, W. R., *Hist.*, *Drexel Hill, Pa.*

Landolfi, Donald A., *Econ.*, *East Paterson, N. J.*  
 LaRoza, George W., Jr., *Bio.*, *Maspeth, N. Y.*  
 Lauer, Ray S., *Econ.*, *York, Pa.*  
 Lear, Louise R., *Bio.*, *Ocean City, N. J.*  
 Leisman, Richard F., *Econ.*, *Harrisburg, Pa.*  
 Lippert, Richard E., *P.S.*, *Baltimore, Md.*  
 Little, Richard A., Jr., *Econ.*, *Littlestown, Pa.*  
 Lloyd, Richard C., *Psy.*, *Willow Grove, Pa.*

Loomis, John W., *P.S.*, *Millersburg, Pa.*  
 Losee, Dwight B., *P.S.*, *Hastings-on-Hudson, N. Y.*  
 Lowe, William L., *Econ.*, *Shrewsbury, Pa.*  
 Luebke, Margaret M., *Psy.*, *Johnstown, Pa.*  
 Luhrs, Henry E., *Bio.*, *Wyandotte, N. J.*  
 Lundstedt, Jack E., *Chem.*, *Riverton, N. J.*

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## Sophomore Class

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 Whitcomb, Jack L., *P.E., York, Pa.*  
 Whitehead, John S., *Econ., Williamsport, Pa.*  
 Wiker, Edgar G., *Econ., Philadelphia, Pa.*  
 Williams, Jay P. A., *Phy., Harrisburg, Pa.*  
 Williams, John E., *Bio., Pittsburgh, Pa.*  
 Williams, Nina J., *Bio., Gettysburg, Pa.*  
 Wilson, John W., *Econ., Lebanon, Pa.*  
 Winand, Earl E., *Chem., York, Pa.*  
 Wolfe, Richard E., *Phy., Littlestown, Pa.*  
 Woodington, Donald C., *Econ., Ambler, Pa.*  
 Woodward, Patricia A., *Psy., Brooklyn, N. Y.*  
 Wright, Arthur T., *Phy., Coatesville, Pa.*
- Yingling, Josephine A., *S.S., Hagerstown, Md.*  
 Yingling, Judith L., *S.S., Hagerstown, Md.*  
 Yoder, James A., *S.S., Cumberland, Md.*  
 Yost, Julia A., *Mus., Biglerville, Pa.*  
 Young, George M., *Bio., Harrisburg, Pa.*  
 Young, James R., *Hist., Altoona, Pa.*  
 Yuzuk, Ronald P., *Psy., Palisade, N. J.*
- Zerby, Donald E., *Math., Millersburg, Pa.*  
 Ziegler, James B., *Sp., Hanover, Pa.*

## Freshman Class

### CLASS OF 1955

- Accardi, Ronald V., *Chem., Woodhaven, N. Y.*  
 Adams, Raymond E., *Bio., Trenton, N. J.*  
 Aikin, Arthur C., Jr., *Phy., Gettysburg, Pa.*  
 Albl, David E., *P.E., Camp Hill, Pa.*  
 Alexander, Ronald S., *Econ., Willow Hill, Pa.*  
 Allebach, James H., *Econ., Pennsauken, N. J.*  
 Alsopach, Glenn H., *Math., Annville, Pa.*  
 Ansel, Richard K., *Bio., Baltimore, Md.*  
 Antonell, Walter J., *Econ., Teaneck, N. J.*  
 Atkinson, Donald C., *Pre-Dent., Audubon, N. J.*  
 Augustine, John D., *Chem., Gettysburg, Pa.*
- Bachman, Albert E., *Fr., Gettysburg, Pa.*  
 Bannon, William L., *Econ., Lewistown, Pa.*  
 Barber, Milton C., Jr., *Econ., Moorestown, N. J.*  
 Bargmann, Henry J., *Pearl River, N. Y.*  
 Barrows, Alice E., *Psy., Brunswick, Me.*  
 Bartello, Richard L., *Hist., Moorestown, N. J.*  
 Bauersfeld, John C. W., *Econ., Chevy Chase, Md.*  
 Beaver, Robert H., *Hist., Harrisburg, Pa.*  
 Beck, Carl E., *P.E., Pittsburgh, Pa.*  
 Beimler, Richard P., *Chem., Yonkers, N. Y.*  
 Belt, Robert B., *Econ., Mamaronck, N. Y.*  
 Berger, Barbara A., *Hist., Upper Darby, Pa.*  
 Berger, Phyllis E., *Sp., Lansdale, Pa.*  
 Betts, George R., *Hist., Orrtanna, Pa.*  
 Betz, Frank H., III, *Westfield, N. J.*  
 Beyrent, John R., Jr., *Chem., Steelton, Pa.*  
 Black, Barbara M., *Soc., Wilmington, Del.*  
 Blackoff, Edward M., *Bio., Malverne, N. Y.*  
 Boland, Richard F., *P.E., Johnstown, Pa.*  
 Books, Edgar F., Jr., *P.E., Summerdale, Pa.*  
 Boyd, Barclay A., *Econ., Dallastown, Pa.*  
 Boyer, Gertrude P. S., *Roselle, N. J.*  
 Brake, Donald C., *Hist., Cumberland, Md.*  
 Brazenor, Robert G., Jr., *Chem., Howard Beach, N. Y.*  
 Brennan, Patricia A., *Cheltenham, Pa.*  
 Brown, Ainsworth H., *P.S., Silver Spring, Md.*  
 Brubaker, Richard I., *Chem., Media, Pa.*  
 Bucher, Gary L., *Chem., Biglerville, Pa.*  
 Buddemeyer, Edward U., *Chem., Baltimore, Md.*  
 Burdan, Harrie G., *Econ., Pottstown, Pa.*  
 Burke, Dan K., *Econ., Silver Spring, Md.*  
 Burke, John J., Jr., *Econ., Paulsboro, N. J.*  
 Bushman, Daniel M., *P.S., Arendtsville, Pa.*
- Carlson, Carl A., *Lake Hopatcong, N. J.*  
 Carman, Neil R., *Econ., Bound Brook, N. J.*  
 Carter, Robert S., *Chem., Hartford, Conn.*  
 Chubb, David M., *Econ., Upper Darby, Pa.*  
 Clare, Henry E., *Bio., Paoli, Pa.*  
 Clarke, John R., *Eng., Lewistown, Pa.*  
 Clever, Gwynne R., Jr., *Phy., York, Pa.*  
 Clinton, James A., Jr., *Econ., Hagerstown, Md.*  
 Colberg, Virginia M., *Eng., Orchard Park, N. Y.*  
 Connolly, Richard F., *Econ., New Brunswick, N. J.*  
 Connor, Fuiton I., Jr., *P.E., Johnstown, Pa.*  
 Covey, Charles A., *Econ., Silver Spring, Md.*  
 Crane, Patricia, *Psy., Little Neck, N. Y.*  
 Crawford, John, *Econ., Oxford, N. Y.*  
 Creasy, Robert R., *Econ., North Hills, Pa.*  
 Cropp, Jack W., *Econ., Warren, Pa.*  
 Crowl, Janet L., *Sp., York, Pa.*  
 Cruz, Nery, *Chem., Arecibo, Puerto Rico*
- D'Agostin, Marilyn, *Cliffside Park, N. J.*  
 Daikler, Ethelinda M., *Math., Mt. Vernon, N. Y.*  
 Danker, Eleanor A. L., *Eng., Oradell, N. J.*  
 Davis, Alice M., *Bio., York, Pa.*  
 deHeyman, William M., *Brooklyn, N. Y.*  
 Dibble, Sage E., *Elizabethtown, Pa.*  
 Diemer, Nancy A., *Psy., Philadelphia, Pa.*  
 Dietze, Robert J., *Pre-Med., Verona, N. J.*  
 Durkee, William T., *P.S., Montclair, N. J.*
- Eckman, Lester W., *P.E., Coatesville, Pa.*  
 Eichler, Frank S., *Pennsgrove, N. J.*  
 Eisenhart, Mary J., *Hist., Woodbury, N. J.*  
 Eisenhart, Tillie M., *S.S., York, Pa.*  
 Ely, Donald J., *Hist., Baltimore, Md.*  
 Engle, John W., Jr., *Econ., Merchantville, N. J.*  
 Eppleman, Robert G., *Econ., Gloucester City, N. J.*  
 Evans, George W., Jr., *Bib., Columbia, Pa.*
- Fackler, Martin L., Jr., *Chem., York, Pa.*  
 Faul, John S., *Bio., Steelton, Pa.*  
 Feit, Martin D., *Bio., Brooklyn, N. Y.*  
 Feldner, Karl H., *Econ., Baltimore, Md.*  
 Ferren, Edwin T., III, *Merchantville, N. J.*  
 Filbert, Frederic J., *P.S., Auburn, Pa.*  
 Finger, Louis E., Jr., *Bio., Franklinton, N. J.*  
 Finlay, Robert H., *Mus., Ridgewood, N. J.*  
 Finnegan, Robert S., *Math., Peekskill, N. Y.*  
 Fireoved, Donald W., *Springfield, Del. Co., Pa.*  
 Focht, Theodore M., Jr., *Econ., Athens, Pa.*  
 Forgie, James B., *Econ., Enola, Pa.*  
 Fox, Bruce J., *Econ., Poughkeepsie, N. Y.*  
 Francis, Arvid A., *Bethesda, Md.*  
 Frankenfield, Anna M., *Hist., Middlebury Center, Pa.*  
 Frantz, Wayne R., *Chem., York, Pa.*  
 Freas, Betty J., *Sp., Conshohocken, Pa.*  
 Frolen, Cynthia A., *Sp., Montgomery, N. Y.*
- Gardiner, Lynn M., *Psy., Maplewood, N. J.*  
 Garris, Lester S., Jr., *Econ., Branchville, N. J.*  
 Geib, Richard E., *Hist., Manheim, Pa.*  
 Georgiana, Joseph S., *Econ., Gibbstown, N. J.*  
 Gerber, Charles W., *Econ., Newark, N. J.*  
 Gibson, Janice K., *Math., Havertown, Pa.*  
 Gilbert, Ralf E., *P.S., Quakertown, Pa.*  
 Gilmour, William R., *Econ., Hartford, Conn.*  
 Gingrich, Cynthia L., *Bio., Lebanon, Pa.*  
 Glass, John F., *Chem., Fannettsburg, Pa.*  
 Godshall, Clark C., *Chem., Rochester, N. Y.*  
 Goss, Jean A., *Hist., Nashville, Tenn.*  
 Goss, Joan F., *Hist., Nashville, Tenn.*  
 Graham, Willard P., Jr., *Econ., Narberth, Pa.*  
 Greenawalt, Miriam J., *Lancaster, Pa.*  
 Greth, Gary F., *Hamburg, Pa.*  
 Griesel, Donald C., *New York, N. Y.*  
 Guise, Donald R., *P.S., Gettysburg, Pa.*  
 Guise, Earl R., *Chem., York Springs, Pa.*
- Haabestad, Grace V., *Mus., Springfield, Pa.*  
 Haase, George F., *Econ., DuBois, Pa.*  
 Hafner, William F., *Chem., Hempstead, Long Island, N. Y.*  
 Hagstrom, John A., *Eng., Syosset, Long Island, N. Y.*  
 Hansen, Walter, *Chem., Port Ewen, N. Y.*

- Harbold, Donald E., *P.E., York Springs, Pa.*  
Harcourt, Robert N., *Econ., Westfield, N. J.*  
Harvey, Herbert M., Jr., *Econ., Garden City, N. Y.*  
Hausmann, Virginia L., *Psy., Cranford, N. J.*  
Hay, Theodore D., Jr., *Chem., Gettysburg, Pa.*  
Henderson, James M., Jr., *Econ., Philadelphia, Pa.*  
Henry, Nancy R., *Econ., Roversford, Pa.*  
Hershey, William E., *Psy., York, Pa.*  
Hess, Jonathan, *Eng., Washington, D. C.*  
Heyward, Mary P., *S.S., Rockville Centre, N. Y.*  
Hickoff, Neil A., *P.E., Duncannon, Pa.*  
Hill, Duncan E., Jr., *Econ., Teaneck, N. J.*  
Hill, Joanne L., *Chem., Elmort, Long Island, N. Y.*  
Hoffman, Edward R., *Econ., Arendtsville, Pa.*  
Hoffman, Robert T., *Econ., Prospect Park, Pa.*  
Houck, Fern L., *Chem., Hanover, Pa.*  
Howard, James T., Jr., *Bio., Merion Park, Pa.*  
Hunsberger, Donald M., *Philadelphia, Pa.*  
Huzzard, Marilyn E., *Chem., Jenkintown, Pa.*
- Irschick, Eugene F., *Phil., Guntur District, South India*
- Jakl, Susan C., *P.S., Tarrytown, N. Y.*  
Jones, Glenwood F., *S.S., Dundalk, Md.*  
Jones, Richard C., *Hist., Pine Grove, Pa.*
- Keller, Barry A., *Econ., Glen Rock, Pa.*  
Kelley, Patrick O., *Econ., Bellefonte, Pa.*  
Kennedy, Diane C., *Teaneck, N. J.*  
Kephart, James W., *Econ., Philipsburg, Pa.*  
Kerstetter, Marcia J., *Chem., Enola, Pa.*  
Kirsch, Edward A., Jr., *Econ., Merchantville, N. J.*  
Kisslinger, Joseph C., *Econ., Peekskill, N. Y.*  
Koprivier, Claudette L., *P.E., Duquesne, Pa.*  
Kostelac, Thomas M., *Econ., Steelton, Pa.*  
Kuziak, John, Jr., *Bio., Danville, Pa.*
- Lambert, Francis M., Jr., *Bio., Narberth, Pa.*  
Lamparter, William J., *Econ., Franklinton, Pa.*  
Lamson, John L., *Bio., Howard Beach, N. Y.*  
Landino, Robert H., *Econ., Thorndale, Pa.*  
Lane, Marian C., *Math., Hawthorne, N. J.*  
Lau, James B., Jr., *Pre-Med., York, Pa.*  
Lau, Michael W., *Econ., Spring Grove, Pa.*  
Laurita, William G., *Chem., Copiague, N. Y.*  
Leidenberg, Norma J., *New Rochelle, N. Y.*  
Lengel, Quentin E., *Chem., Pine Grove, Pa.*  
Lenhard, Constance C., *Psy., Drexel Hill, Pa.*  
Leps, Charles E., *Westmont, N. J.*  
Lewis, Mary I., *Johnstown, Pa.*  
Lindstrom, Joan V., *Math., Jamaica, N. Y.*  
Lipkin, John P., *Bio., Coatesville, Pa.*  
Littell, Elton G., *Psy., Ardmore, Pa.*  
Livingston, Edward A., *Psy., Williamsport, Pa.*  
Long, Maurice G., *Hanover, Pa.*  
Long, Nancy L., *Pottsville, Pa.*  
Loose, Irvin M., *Econ., West Leesport, Pa.*  
Lopez, Rita L., *Chem., Elizabeth, N. J.*  
Louey, Laverne P., *Littlestown, Pa.*  
Lowe, Edward G., *Pre-Med., Franklinville, N. J.*  
Lowrie, Leon S., *Springfield, Pa.*  
Lowry, Dorothy J., *Eng., Glenside, Pa.*
- McClennen, George T., *Econ., West Englewood, N. J.*  
McMullan, Richard J., *Econ., Harrisburg, Pa.*  
Maberry, Barron B., *Bib., Baltimore, Md.*  
Manahan, Richard R., *Math., Blue Ridge Summit, Pa.*  
March, George K., Jr., *Econ., Norristown, Pa.*  
Marino, Guy, Jr., *Hist., Harrisburg, Pa.*  
Marshall, Dwayne R., *Pre-Min., Johnstown, Pa.*
- Martin, William R., *Eng., Reading, Pa.*  
Matthias, Robert F., *Econ., Drexel Hill, Pa.*  
Maurer, Barbara A., *Econ., Wilmington, Del.*  
Megec, James F., Jr., *Chem., Lansdowne, Pa.*  
Meyer, Richard A., *Hist., Brooklyn, N. Y.*  
Michel, Janet E., *Bio., Yeadon, Pa.*  
Miles, Lewis W., *Econ., Paoli, Pa.*  
Milich, Thomas W., *P.E., Bellevue, Pa.*  
Miller, Allison H., Jr., *Bio., Kingston, Pa.*  
Miller, Donald L., *Math., Washington, D. C.*  
Miller, James M., *P.S., Cherry Tree, Pa.*  
Miller, John N., Jr., *Econ., Merchantville, N. J.*  
Miller, Mark J., *Chem., Gettysburg, Pa.*  
Molnar, Joseph, III, *Hist., Pittsburgh, Pa.*  
Moore, Herbert F., Jr., *Clayton, N. J.*  
Morecraft, Edward J., *Hist., Stewart Manor, N. Y.*  
Morrison, Robert B., *Econ., Hagerstown, Md.*  
Morrow, William H., Jr., *Econ., Somers Point, N. J.*
- Nagle, Donald E., *Econ., York, Pa.*  
Natale, Anthony L., *Econ., Harrisburg, Pa.*  
Nestor, Paul M., *Pre-Dent., Wyomissing, Pa.*  
Neuhaus, Colin F., *Econ., Glen Rock, Pa.*  
Newmeyer, Marjorie J., *Psy., Philadelphia, Pa.*  
Niemann, Bruno G., *S.S., Baltimore, Md.*  
Nolt, Mary C., *Eng., Mt. Joy, Pa.*
- Ollivier, Alan E., *P.S., Moorestown, N. J.*  
Ollivier, Norman P., *S.S., Moorestown, N. J.*  
Onorato, Vincent L., *Wynnewood, Pa.*
- Parkinson, Peter D. S., *Phy., Philadelphia, Pa.*  
Parlett, Elizabeth L., *Eng., New York, N. Y.*  
Parsons, Patricia A., *S.S., Akron, Ohio*  
Pease, Neal R., *Bio., Mechanicsburg, Pa.*  
Phillips, Walter L., Jr., *Econ., Saltsburg, Md.*  
Ports, Joan D., *Econ., Livingston, N. J.*  
Powell, Eugene A., *Econ., Harrisburg, Pa.*  
Powley, Russell W., *Econ., Glen Rock, N. J.*
- Quick, John D., *Econ., New Cumberland, Pa.*
- Raffensperger, Harold M., *Math., Gettysburg, Pa.*  
Reed, Charles A., *Econ., Williamsport, Pa.*  
Reese, Joanne R., *Eng., Wallingford, Pa.*  
Reiner, Samuel T., *P.S., Westport, Conn.*  
Reitenauer, Ronnie L., *Econ., Allentown, Pa.*  
Rentschler, Walter R., *Pre-Med., Sayre, Pa.*  
Rhys, Merry E., *Prospect Park, Pa.*  
Ries, Harry W., III, *Econ., Haddon Heights, N. J.*  
Robinson, John G., *Econ., Port Royal, Pa.*  
Riley, Joseph A., Jr., *Math., Philadelphia, Pa.*  
Rogers, Clara J., *Econ., Warren, Pa.*  
Rohrbach, Wallace K., Jr., *Econ., Harrisburg, Pa.*  
Rosenberger, Carl F., *Hist., Freedom, Pa.*  
Roth, Frances E., *Psy., York, Pa.*  
Rumberger, Susan, *Chem., Philipsburg, Pa.*  
Ryan, Jaye R., *P.S., Merchantville, N. J.*
- Schaab, Gunter A., *Hessen, Germany*  
Schalick, Oakford A., Jr., *Econ., Centerton, N. J.*  
Schiller, Richard W., *Econ., Bridgeton, N. J.*  
Schwager, Maida B., *Chem., Philadelphia, Pa.*  
Sechrist, Frank S., *Bio., Shrewsbury, Pa.*  
Shader, Albert H., Jr., *Econ., Harrisburg, Pa.*  
Shepperd, Linda A., *Mus., Glen Rock, Pa.*  
Sheridan, Edward T., *Econ., Plainfield, N. J.*  
Shetler, Richard H., *Econ., Jenkintown, Pa.*  
Shiffner, Donald H., *Econ., Scotch Plains, N. J.*  
Shirey, Elmer C., *Bio., Pittsburgh, Pa.*

- Shue, Spurgeon T., Jr., *Chem., Spring Grove, Pa.*  
 Sibert, Robert L., *Eng., New Oxford, Pa.*  
 Silberman, Jack D., *Econ., Annville, Pa.*  
 Smith, Walter S., *Bib., Wilmington, Del.*  
 Snook, Richard A., *Econ., Pittsfield, Mass.*  
 Snyder, Richard H., *Hummelstown, Pa.*  
 Snyder, Walter E., *Econ., York, Pa.*  
 Snyder, William E., *Bio., Allentown, Pa.*  
 Sokalski, John M., *P.E., Singac, N. J.*  
 Spellman, Donald E., *Econ., Tenafly, N. J.*  
 Spicer, Edwin R., *P.S., Gettysburg, Pa.*  
 Spogen, Frederick C., Jr., *Chem., Turbotsville, Pa.*  
 Sprengel, Terry V., *Econ., Glenside, Pa.*  
 Stackowski, Mary J., *Chem., Glenside, Pa.*  
 Stapf, Ronald J., *Ger., McKeesport, Pa.*  
 Stark, Robert H., *Econ., Millburn, N. J.*  
 Steinbach, William A., *Bio., Norristown, Pa.*  
 Stoner, John R., *Bio., Mercersburg, Pa.*  
 Stonesifer, Roy P., Jr., *Hist., North Adams, Mass.*  
 Stouffer, Jack E., *Eng., Ellerslie, Md.*  
 Strickler, Charles S., Jr., *Econ., West Englewood, N. Y.*  
 Stull, Glenn, *P.E., Carlisle, Pa.*  
 Sump, Conrad R., *P.S., Cambria Heights, N. Y.*  
 Swindells, Carol D., *Chem., Pearl River, N. Y.*
- Taddiken, Gerard A., *Chem., Valley Stream, N. Y.*  
 Thomas, Edward E., *Bio., Garden City, N. Y.*  
 Thorbahn, Barbara S., *Hist., Swarthmore, Pa.*  
 Thrush, John D., *Econ., Gettysburg, Pa.*  
 Trimmer, Jacob E. V., *Bio., Carlisle, Pa.*
- Urban, George A., *Chem., Collingswood, N. J.*  
 Urgo, Julia F., *P.E., Williamsport, Md.*
- Van Houten, Paul A., *Bio., Berwick, Pa.*  
 Velecky, Henrietta W., *Econ., Hackensack, N. J.*
- Walthour, William T., *Chem., Greensburg, Pa.*  
 Wardtuff, LaVerne J., *Eng., West Lawn, Pa.*  
 Way, Natalie E., *Soc., Easton, Pa.*  
 Weaver, Robert R., *Chem., Pleasantville, N. J.*  
 Weaver, Thomas E., Jr., *P.S., Catasauqua, Pa.*  
 Webster, Edward, *P.S., Jenkintown, Pa.*  
 Wehn, Sara D., *Eng., Ardmore, Pa.*  
 Weichmann, Rudolph F., *Econ., Brooklawn, N. J.*  
 Weinelt, Ronald H., *Bib., Baltimore, Md.*  
 Weitzel, William J., *Econ., Harrisburg, Pa.*  
 Wiemer, Herman W., Jr., *Econ., Trumbull, Conn.*  
 Wilbur, Herbert S., Jr., *Econ., Adamstown, Md.*  
 Wiles, Joyce V. M., *Bio., Frederick, Md.*  
 Wilson, Charles R., *Econ., Baldwin, N. Y.*  
 Winant, Eve E., *Hackensack, N. J.*  
 Wishard, William N., *Phy., York, Pa.*  
 Wonders, James D., *Econ., Boiling Springs, Pa.*  
 Worth, John H., *Bethlehem, Pa.*  
 Worth, Marjorie A., *Chem., Trenton, N. J.*  
 Wright, Barry, *Greensburg, Pa.*
- Yingling, Robert J., *Bio., Littlestown, Pa.*  
 Yocum, William A., *Econ., New Cumberland, Pa.*  
 Yost, Earl E., Jr., *P.E., Williamsport, Pa.*

## Students Attending the 1951 Summer Session

- Aikin, Arthur C., Jr., *Gettysburg, Pa.*  
 Ansel, Robert M., *Gettysburg, Pa.*  
 Aungst, Kenneth, *Harrisburg, Pa.*
- Bacik, Richard M., *Fayetteville, Pa.*  
 Bamberger, Russell, *Norwood, Pa.*  
 Barkhouser, Richard, *Hanover, Pa.*  
 Baughman, Glenn, *Dover, Pa.*  
 Belber, Henry S., *Malvern, Pa.*  
 Bennett, Newton W., *Phila. 24, Pa.*  
 Berzansky, Charles, *Wood, Pa.*  
 Biros, Joseph B., *York, Pa.*  
 Blymire, George S., *Mt. Wolf, Pa.*  
 Boeckel, Rodman, *York, Pa.*  
 Bolton, James E., *Harrisburg, Pa.*  
 Bowers, Jane L., *Littlestown, Pa.*  
 Bracey, James W., *Gettysburg, Pa.*  
 Bracey, Marianne, *Gettysburg, Pa.*  
 Brandt, Donald, *York, Pa.*  
 Brennan, Charles, *Gloucester, N. J.*  
 Bryan, Arthur, *Huntington, Tex.*  
 Bucklew, Mrs. Lucille, *Gettysburg, Pa.*  
 Bushman, Daniel, *Arendtsville, Pa.*
- Campbell, Russell A., *Gettysburg, Pa.*  
 Carter, Henry C., *Gettysburg, Pa.*  
 Chapman, William K., *Odessa, N. Y.*  
 Clement, Elizabeth, *Upper Darby, Pa.*  
 Coates, Alan B., *Easton, Md.*  
 Cooper, Eugene, *Tower City, Pa.*
- Dahl, Norman, *Brooklyn, N. Y.*  
 Deardorff, Mildred, *East Berlin, Pa.*  
 DeCamp, Howard, *Collingswood, N. J.*  
 Dellabough, Robert, *Teaneck, N. J.*
- Denison, Alice B., *Harrisburg, Pa.*  
 Dibble, Sage, *Elizabethtown, Pa.*  
 Dickey, Ruth Ann, *Somerset, Pa.*  
 Diviney, Ellis, *Hanover, Pa.*  
 Duck, William O., *Lewisburg, Pa.*  
 Dudley, John H., *Pitman, N. J.*
- Earp, William L., *Washington 8, D. C.*  
 Ebeling, Kenneth, *Waynesboro, Pa.*  
 Eberly, Enos C., *Dallastown, Pa.*  
 Ehrman, Robert G., *Kensington, Md.*  
 Engle, John W., *Merchantville, N. J.*  
 Erdman, Dean R., *Gettysburg, Pa.*  
 Evangelista, Samuel J., *Gibbstown, N. J.*
- Feldner, Karl, *Essex 21, Md.*  
 Fernekes, Eugene, *Teaneck, N. J.*  
 Fickel, James R., *Carlisle, Pa.*  
 Fitzkee, Beatrice, *East Berlin, Pa.*  
 Flood, John M., *Chevy Chase, Md.*  
 Fluharty, Eugene, *Penns Grove, N. J.*  
 Forbes, Jacques C. B., *Curacao, D. W. I.*  
 Fosnocht, Thomas, *Malvern, Pa.*  
 Foster, Howell, *Phila. 29, Pa.*  
 Frain, J. Frank, *Argentina, South America*  
 Francis, Arvid, *Bethesda, Md.*  
 Franco, C. Miriam, *Gettysburg, Pa.*  
 Franco, Rafael, *Gettysburg, Pa.*  
 Frinzi, Michael, *Phillipsburg, N. J.*
- Gardner, Irvin, *York, Pa.*  
 Gardner, Kenneth, *York, Pa.*  
 Gatto, Robert B., *Fieldsboro, N. J.*  
 Gearey, Thomas P., *Havertown, Pa.*  
 Geiselman, Ira, *Hanover, Pa.*

Gettel, Dorothy, *Baltimore 12, Md.*  
 George, Daniel, *Minersville, Pa.*  
 Gerard, Reed C., *Carmel, Calif.*  
 Goetz, Mrs. Phyllis, *Greencastle, Pa.*  
 Gilbert, William, *Ringtown, Pa.*  
 Gilmore, Virginia, *York, Pa.*  
 Goshorn, Ethel, *Bellwood, Pa.*  
 Grant, John A., *Hanover, Pa.*  
 Grasso, Frank, *Teaneck, N. J.*  
 Griest, Alexander, *Flora Dale, Pa.*  
 Griest, Norman E., *Wellsville, Pa.*  
 Grone, Joseph L., *Danville, Pa.*  
 Guise, Elizabeth A., *Biglerville, Pa.*  
 Guise, Richard, *Gettysburg, Pa.*

Hall, Virginia, *Springfield, Del. Co., Pa.*  
 Hamme, David, *York, Pa.*  
 Hamme, Leander G., *Brodbecks, Pa.*  
 Hansen, Walter, *Port Ewen, N. Y.*  
 Hare, George, *Burlington, N. J.*  
 Harsch, Mary, *Havertown, Pa.*  
 Hartman, A. Lorraine, *Gettysburg, Pa.*  
 Hartman, G. Margaret, *Trenton, N. J.*  
 Hartman, Virgil, *Gettysburg, Pa.*  
 Hays, David E., *New Brighton, Pa.*  
 Henderson, John J., *Gettysburg, Pa.*  
 Herb, Thomas, *Pittsburgh 24, Pa.*  
 Hess, Boyd, *Conestoga, Pa.*  
 Hicks, Gladys, *Chambersburg, Pa.*  
 Hill, Raymond, *Lawrenceburg, Tenn.*  
 Hoak, Myrtle B., *East Berlin, Pa.*  
 Holland, John K., *Haddonfield, N. J.*  
 Holler, Richard L., *Mechanicsburg, Pa.*  
 Hollinger, Robert, *Harrisburg, Pa.*  
 Horn, Richard H., *York, Pa.*  
 Hossfeld, Harold, *Teaneck, N. J.*  
 Hottle, Robert E., *Littlestown, Pa.*  
 Hughes, James, *Westminster, Md.*  
 Hull, Anna K., *East Berlin, Pa.*  
 Hunsberger, Russel B., *Collegeville, Pa.*  
 Hunsberger, Susan, *Collegeville, Pa.*  
 Hurley, Robert D., *Teaneck, N. J.*  
 Hutter, Ray E., *Mechanicsburg, Pa.*

Imhoff, William C., *York, Pa.*

Jones, Glenwood, *Dundalk 22, Md.*

Kane, Peter, *Lebanon, Pa.*  
 Karas, Doris, *Gettysburg, Pa.*  
 Kassouf, Joseph, *West New York, N. J.*  
 Kauffman, Douglas, *Fayetteville, Pa.*  
 Kaufman, Robert L., *Altoona, Pa.*  
 Keenan, Frank J., *Phila. 24, Pa.*  
 Keeney, Galen, *Gettysburg, Pa.*  
 Keetley, William, *Drexel Hill, Pa.*  
 Keller, John H., *Selinsgrove, Pa.*  
 Keller, Paul S., *Baltimore 15, Md.*  
 Kelley, William B., *Chevy Chase, Md.*  
 Kelly, Russell, *Phila. 11, Pa.*  
 Kipsey, Lois, *North Plainfield, N. J.*  
 Kline, John B., *New Stanton, Pa.*  
 Koch, Harry, *Kingston, N. J.*  
 Kordalewski, Andrew, *Westminster, Md.*  
 Krick, Robert, *Gettysburg, Pa.*

Laird, Robert M., *Hanover, Pa.*  
 Landis, Patricia, *Palmyra, Pa.*  
 Landis, Stanley, *York, Pa.*  
 Larson, James L., *Wallingford, Pa.*

Lau, Dale R., *York, Pa.*  
 Leadbetter, Phillip, *Cape Cod, Mass.*  
 Leib, Ronald J., *Hanover, Pa.*  
 Leidy, John C., *Abington, Pa.*  
 Levendis, George, *Lebanon, Pa.*  
 Lingenfelter, Patricia, *Altoona, Pa.*  
 Lippincott, Scott, *Haddon Heights, N. J.*  
 Logan, John D., *Boiling Springs, Pa.*  
 Long, Jacquelin, *Gettysburg, Pa.*  
 Long, Maurice, *Hanover, Pa.*  
 Loose, John H., *Bair, Pa.*  
 Losee, Dwight B., *Hastings-on-Hudson, N. Y.*  
 Lotz, Genevieve M., *Zelienople, Pa.*  
 Luckenbill, Faye, *Kutztown, Pa.*

McClure, Hunter, *Ft. Ord, Calif.*  
 McKenrick, Theodore, *Gettysburg, Pa.*  
 MacDonald, James, *Westminster, Md.*  
 MacGhee, Peter F., *Moorestown, N. J.*  
 Mallonee, John P., *Catoonsville, Md.*  
 Maxwell, Howard B., *Upper Darby, Pa.*  
 May, Herbert, *East Freedom, Pa.*  
 Mangels, Eleanor, *Little Neck, N. Y.*  
 Mayes, Donald S., *Burnham, Pa.*  
 Mencher, Jordan, *Washington, D. C.*  
 Mertz, Harry L., *West Hyattsville, Md.*  
 Metrulis, Robert J., *Shenandoah, Pa.*  
 Michener, Leslie, *Lansdowne, Pa.*  
 Miller, Mark J., *Gettysburg, Pa.*  
 Miller, Max, *Waynesboro, Pa.*  
 Miller, Duer L., *Avondale, Pa.*  
 Morgenfruh, Harold, *Packanack Lake, N. J.*  
 Morschauer, Neal C., *Phila. 31, Pa.*  
 Muller, Hollis, *York Springs, Pa.*  
 Mumper, Mrs. Edith C., *Gettysburg, Pa.*  
 Murphy, Robert, *Bloomfield, N. J.*  
 Myers, Nelson F., *Lititz, Pa.*

Nicodemus, Mrs. Katherine, *Waynesboro, Pa.*  
 Niemann, Bruno G., *Lutherville, Md.*  
 Norris, Gene S., *York, Pa.*  
 Null, George, *Taneytown, Md.*

Owings, Kenneth, *New Freedom, Pa.*

Peery, Robert J., *Westfield, N. J.*  
 Percival, Allen C., *Gettysburg, Pa.*  
 Plank, Alice, *Gettysburg, Pa.*  
 Plantz, Milton A., *Havertown, Pa.*  
 Pillote, Robert, *Washington 15, D. C.*

Raffensperger, Harold, *Gettysburg, Pa.*  
 Ramer, Jane, *Gettysburg, Pa.*  
 Raphael, Bernard O., *West Englewood, N. J.*  
 Raycroft, Ruth, *Milesburg, Pa.*  
 Reed, Bertram S., Jr., *Phila. Pa.*  
 Reimann, Walter A., *Rockledge, Pa.*  
 Rentschler, Walter, *Sayre, Pa.*  
 Reynolds, Harry A., *Delanco, N. J.*  
 Richards, Joan, *Hanover, Pa.*  
 Richardson, William F., *Harrisburg, Pa.*  
 Richter, Raoul C., *Hanover, Pa.*  
 Risley, Albert, Jr., *Conshohocken, Pa.*  
 Ritter, Charles A., *Lorain, Ohio.*  
 Rodgers, Eleanor, *Zelienople, Pa.*  
 Rogers, Charles C., *Gettysburg, Pa.*  
 Rogers, Louis V., *Wilmington, Del.*  
 Rosenbaum, Irwin, *Brooklyn, N. Y.*  
 Rosenberry, Creston J., *Chambersburg, Pa.*  
 Rumohr, William, *Maywood, N. J.*

Sanders, Gerald B., *Waynesboro, Pa.*  
 Schenkel, Robert, *Greencastle, Pa.*  
 Schmitt, Frederick, *Chevy Chase, Md.*  
 Schreiber, John J., *Phila., Pa.*  
 Segel, Frank L., *Ventnor, N. J.*  
 Seigel, Sigmund, *Bristol, Pa.*  
 Seipel, Harry R., *Easton, Pa.*  
 Shaffer, Melvin G., *New Freedom, Pa.*  
 Shambaugh, Donald A., *Greensburg, Pa.*  
 Shaner, James W., *Hanover, Pa.*  
 Shaulis, Samuel A., *Evans City, Pa.*  
 Shearer, Cynthia, *Philadelphia, Pa.*  
 Shenk, Frederick R., *Wyomissing, Pa.*  
 Shue, S. Theodore, *Spring Grove, Pa.*  
 Shull, William R., *Hazleton, Pa.*  
 Sinn, Thomas F., *Baltimore 15, Md.*  
 Sleppin, Michael, *Great Neck, N. Y.*  
 Smith, Carolyn E., *Hanover, Pa.*  
 Smith, Howard P., *Hazleton, Pa.*  
 Smith, Richard H., *Westminster, Md.*  
 Spangler, Clyde H., *New Oxford, Pa.*  
 Stauffer, Edwin, *Cheltenham, Pa.*  
 St. Clair, Sheldon, *Verona, N. J.*  
 Stecher, William A., *Silver Spring, Md.*  
 Sterner, Donald E., *Gettysburg, Pa.*  
 Stiles, Austin, *Dallastown, Pa.*  
 Stotler, William, *Elmwood, York, Pa.*  
 Stott, Calvin, *Hanover, Pa.*  
 Stultz, Dean S., *Gettysburg, Pa.*  
 Swisher, Rose Marie, *Gettysburg, Pa.*  
 Taylor, Charles C., *Dallastown, Pa.*  
 Taylor, Jack R., *East Berlin, Pa.*  
 Terenzini, Richard J., *Gettysburg, Pa.*  
 Thomas, Boyd, *Bellefonte, Pa.*  
 Thomas, Richard D., *Collingdale, Pa.*

Thompson, Lyman L., *Roselle Park, N. J.*  
 Tooker, Robert H., *Blue Ridge Summit, Pa.*  
 Tribby, Raymond E., *East Berlin, Pa.*  
 Tritt, Richardson, *Carlisle, Pa.*  
 Trostle, Charles K., *Waynesboro, Pa.*

Ujobai, Joseph, *Phoenixville, Pa.*

Vetter, Ernest W., *Baltimore, Md.*

Wallace, Donald, *Craley, Pa.*  
 Walter, Mildred, *Gettysburg, Pa.*  
 Weaver, Donald, *Gettysburg, Pa.*  
 Webb, Norman E., *Fawn Grove, Pa.*  
 Weeks, Lewis E., *Gettysburg, Pa.*  
 Weems, Donald B., *Wenonah, N. J.*  
 Weisser, Frederick, *Great Neck, N. Y.*  
 Wertman, Nancy Lee, *Delano, Pa.*  
 Whisler, A. Jean, *Hanover, Pa.*  
 Williams, Donald D., *Hanover, Pa.*  
 Williams, John E., *Pittsburgh, Pa.*  
 Williams, Nina Jane, *Gettysburg, Pa.*  
 Winter, Patricia, *Gettysburg, Pa.*  
 Winters, William R., *Butler, Pa.*  
 Wishard, Roy, *Waynesboro, Pa.*  
 Wishard, William, *York, Pa.*  
 Wohlfarth, Bettie J., *Harrisburg, Pa.*  
 Woods, Donald E., *Newton, N. J.*  
 Woutersz, Theodore, *Harrisburg, Pa.*  
 Wurster, Clarence, *Waynesboro, Pa.*

Yoder, James A., *Cumberland, Md.*  
 Yoder, John L., *Harrisburg, Pa.*  
 Young, Dwight, *York, Pa.*  
 Young, George M., *Harrisburg, Pa.*

## *Students Not Candidates for a Degree*

ELMER JAMES JOHNSON  
 JOHN MALCOLM MILLER  
 ROBERT JACOB PLARR  
 CLARENCE DARRELL WURSTER

## *Post Graduate Students 1951-52*

HARRY DWIGHT BIKLE  
 LUCILLE MAY BUCKLEW  
 JOHN KENLY CARR  
 WILLIAM FRANKLIN GREEN  
 RAYMOND PERSHING HILL  
 JAMES SPENCER LENTZ  
 MARGARET BOYD MCGUIRE  
 WALTER SCOTT MOUNTAIN, III  
 HOLLIS LEROY MULLER, JR.  
 DONALD GLUCK OYLER  
 NINA LOUISE RAMER  
 IDA HARRISON WASHINGTON  
 MAURICE LEROY ZEIGLER, JR.

*Summary**Students in College First Semester 1951-52*

	MEN	WOMEN	TOTAL
Seniors	220	41	261
Juniors	223	51	274
Sophomores	207	99	306
Freshmen	239	67	306
Specials	13	4	17
	902	262	1164

*Geographical Distribution of Students*

STATE	STUDENTS	STATE	STUDENTS
Pennsylvania	686	California	2
New Jersey	224	Missouri	1
New York	109	Maine	1
Maryland	79	Iowa	1
Washington, D. C.	12	Michigan	1
Connecticut	8	West Virginia	1
Massachusetts	7	Vermont	1
Virginia	6	Nebraska	1
Delaware	5	Indiana	1
Ohio	5	South India	1
North Carolina	3	Germany	1
Illinois	2	Puerto Rico	1
Tennessee	2	Argentina	1
Florida	2	Total	1164

# Commencement 1951

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June 3

*Commencement Speaker*

THE HONORABLE JOSEPH CHARLES SWEETSER

*Bachelor of Arts*

- |                              |                           |
|------------------------------|---------------------------|
| *Frederick Bernard Aldinger  | Harold Anthony Capone     |
| Richard Lee Altemose         | Charles Wayne Carlson     |
| *Comer Levi Altland          | Robert Carrel             |
| Lawrence Alphonso Antonik    | Wanda Carroll ✓           |
| Winifred Claire Armstrong    | Wilda Carroll             |
| Henry Arndt, Jr.             | *Richard Douglas Carson   |
| Alfred William Aspen, Jr.    | *Antonio Cervino          |
| Maude Elisabeth Aurand       | Henry Hjalmar Charlton    |
| George Auxt, Jr.             | Phyllis Elaine Christ     |
| Stephen McClintock Ayers     | Albert Burton Cliff       |
| Jean Charles Barnett         | Owen VanDyke Coble        |
| *Sylvester Joseph Battisti   | Frank Kenneth Copeland    |
| George Luther Baugher, Jr.   | *Lorraine Anne Correll ✓  |
| Leonard Charles Bausback     | Anthony Joseph Costanzo   |
| **William Lewis Becker       | Richard Cameron Court     |
| **Paul Horatius Bennett      | *Richard Henry Cromer     |
| Harry Dwight Bikle           | *Joseph David Crovo       |
| Cynthia Jean Bobb            | Robert Lee Daughn         |
| *Edward Lewis Boeckel        | Virginia Mae Decker ✓     |
| *Daniel Knud Borregard       | Robert Burnell DeGroft    |
| Frederick Eyler Botterbusch  | *Nicholas Stephen Demas   |
| Robert Samuel Bowers         | Bertha Louise DeMoch ✓    |
| Philip Henry Bowman, Jr.     | *Clarence Anderson Diehl  |
| *Richard Gordon Bridle       | Donald Diehl              |
| Ruth Marie Brinkman ✓        | *William Clair Donaldson  |
| Paul Lynn Brinton            | Charles Gillmore Douglass |
| James Alexander Brown        | Robert Albert Driesbach   |
| *William Edgar Buehler, III  | *Preston Henry Dusman     |
| Raymond Irwin Bundrick, Jr.  | James Ellwood Dyson       |
| Lois Allene Callard          | *Edgar Lee Eddins         |
| Barbara Wolff Campanaro      | Donald Alan Eifert        |
| Thomas Elliott Campbell, Jr. | George Willet Ellis       |

\*Completed requirements September 1, 1950

\*\*Completed requirements January 26, 1951

Donald Gene Emert  
 \*\*Henry Emrich  
 Michael Erbio  
 Karl Benton Etshied  
 Rollin Ray Evelan  
 Barbara Therrio Eves  
 Charles Foster Fausold  
 William Martin Fausold  
 Donald Clyde Feeser  
 Henry Haines Fenimore, Jr.  
 Martha Louise Herman Fink  
 \*Harvey Walter Fishburn, Jr.  
 Ronald Eugene Fitzkee  
 Charles Franklin Flaharty  
 Magnus Flaws, Jr.  
 William Henry Flinchbaugh  
 Eugene Richard Floto  
 Frederic Leopold Frankl  
 \*Robert James Frey  
 Laurence Henry Frommhagen  
 Everard Funt  
 Robert Harry Fusmer  
 John Robert Galbraith  
 \*Thomas Lawrence Gallagher, Jr.  
 \*\*Alan Herbert Gee  
 Frederick Davis Gillespie, Jr.  
 Robert Bruce Gingrich  
 Henry Warren Glissman  
 \*Juan Miguel Gonzalez  
 \*\*Harold Benjamin Graeff  
 \*\*Robert Malcolm Grainger  
 William Adams Grant  
 \*\*Warren Irving Green  
 Richard Mahlon Griest  
 Frank Gilbert Griffith, Jr.  
 \*Egil Grislis  
 Robert Morris Grove  
 Robert Edward Hake  
 \*George Herman Hamm, Jr.  
 Louis John Hammann, III  
 \*\*Richard Evans Hanington  
 Mary Alice Hartranft  
 Marilyn Gertrude Haussmann  
 \*\*James Thomas Hays  
 Marshall Thomas Heaps, Jr.  
 Robert Luers Heldrich  
 Gerald Richard Heller

Robert Allen Herrold, Jr.  
 John Robert Hershberger, Jr.  
 \*Louis Howard Hetrick  
 Charles Burrell Hollaway  
 Allan Weir Holman, Jr.  
 Stanley Milton Hostler  
 \*John Henry Houser  
 \*Donald Lee Howells  
 Laurence Penn Hughes, Jr.  
 \*\*Howard George Humphreys  
 \*Luther Kay Jennings  
 Joseph Robert John, II  
 Edwin Thomas Johnson  
 Lawrence Johnson  
 John Reuben Jones, Jr.  
 Samuel Luther Jones, Jr.  
 Joseph Lamont Kane  
 Paul Laverne Kauffman  
 Paul Samuel Keller  
 John Samuel Kelly  
 James Richard Kendall, III  
 \*\*John Benjamin Kerr  
 \*Ethel Wehler Kitzmiller  
 \*James Knapp, Jr.  
 Herman Richard Knippel  
 \*\*Cornelius Christian Knorr  
 James Francis Koch, Jr.  
 John Emerson Koetzle  
 Thomas Emmett Kraemer, II  
 Michael Weller Kretsinger  
 \*\*John Charles Krokus  
 Jack Christian Kuhn, Jr.  
 Arturo Goldfeder Kushner  
 David Paul Kyler  
 \*Norman Kenneth Lady  
 John Kreider Landis, Jr.  
 John Arthur Larsen  
 James Spencer Lentz  
 Frederick Clayton Leshner  
 Charles Louis Liebeknecht  
 Robert George Little, Jr.  
 Robert Bruce Long  
 David Wilson Longacre  
 John Francis Lose  
 Paul Jacob Lower, Jr.  
 Donald Campbell MacBean  
 James Gordon Mackey, Jr.

\*Completed requirements September 1, 1950

\*\*Completed requirements January 26, 1951

- Richard Lee Major, III  
 Albert James Malley, Jr.  
 Joseph Nick Manganaro  
 Richard Eugene Manning  
 Shirley Ann Martin ✓  
 Douglas Gorr Martz  
 Donald Richard Mastman  
 \*Richard Everett Mathias  
 \*\*Donald Joseph Matlack  
 Robert Laverne McCoy  
 Margaret Boyd McGuire  
 \*\*Philip Earle McGuire  
 \*\*Leighton Edgar McNulty  
 Albert Frederick Meaden, Jr.  
 George Ira Melhorn, III  
 Frederick John Mellin  
 Bion Edmund Merry  
 Barbara Louise Mogel  
 Joseph Calvin Moreland  
 Harold Rudolph Morgenfruh  
 Austin Raymond Morris  
 Donald Phillip Morris  
 \*Emily Morse ✓  
 Walter Scott Mountain, III  
 Harold Edwin Mountford  
 Allan Charles Muhlbach  
 \*John Joseph Mulvihill  
 Maynard Glenn Munch  
 William Stanley Musselman, Jr.  
 Richard John Mutch  
 William Joseph Nebinger  
 \*Harold Eugene Newell  
 \*Fuad Nayef Nucho  
 Leonard Andrew Nugent  
 Robert Emmet O'Brien, Jr.  
 \*Michael Myron Onufrak  
 John Staley Orendorff  
 Roy Wade Ortel  
 \*Charles Price Oyler  
 Henry Wisner Parlett  
 Nicholas Pascarella  
 Thomas Emmett Peddy  
 David Benton Peery  
 \*\*Parker Cleveland Peterman, Jr.  
 Benjamin Sawyer Peters, Jr.  
 \*Robert Edward Potter  
 \*William Procacci  
 William Howard Pugh  
 Stuart Rice Race, Jr.  
 William Paul Ramsey  
 \*Donal Craig Reeves  
 James Fry Rehr  
 Dale Herbert Reinecker  
 \*Dominic Joseph Riccardi  
 William Ray Rock  
 Clarence Birkenshaw Rogers  
 Kenneth MacIntyre Rommel, Jr.  
 David Leigh Rosborough  
 Lucille Dolores Ruggiero  
 Paul Wesley Runk, Jr.  
 James Richard Runkel  
 \*\*John Frank Rys  
 Norman Ray SanSoucie  
 George Raymond Sauble, Jr.  
 Virginia Alice Saul ✓  
 David Lee Scheidt  
 \*John Schellhase  
 John Martin Scherch  
 Janet Ziegler Schultz  
 Charles Roberts Schuster, Jr.  
 Reed Edwin Seiders  
 Harold Orville Sentz  
 Clyde Wilson Shaffer  
 Nancy Ruth Shanebrook  
 Frederick Bentz Shearer, Jr.  
 \*Alvin Clark Sheetz  
 Isabel Loban Shields  
 \*\*Donald Shoichi Shintaku  
 Norville Eugene Shoemaker, Jr.  
 \*John Weigand Shoop  
 \*Raymond Lee Shotwell  
 William Americus Simmons  
 Robert Vose Simon  
 Ralph Sloan, Jr.  
 Richard Elwood Small  
 \*\*Todd Marvin Smith  
 Henry Ray Snyder  
 Ray McSparran Snyder  
 James Joseph Soden  
 \*\*Dale LeRoy Soderberg  
 Leon Parker Spangler  
 Dwight Warren Speaker  
 Eugene Weant Stambaugh  
 Elizabeth Jewell Stettler

\*Completed requirements September 1, 1950

\*\*Completed requirements January 26, 1951

Joseph Waddell Stevenson  
 \*Albert Charles Stiles  
 \*Alice Jane Stock  
 \*Henry Jacob Stock  
 Frank Louis Stolsits  
 Donald Earl Stoudt  
 James Manning Stoughton  
 Chester George Stupi  
 James William Sullivan  
 Jack Kennard Svitzer  
 Harold William Tesno  
 \*Norman Earl Thieme  
 Robert Edgar Thomas  
 Robert Kenneth Thomas  
 Shirley Joan Thomas  
 William Burton Tipton  
 Phyllis Jean Tittle  
 Richard Meredith Titus  
 \*Mark Supplee Tome  
 \*William Edward Triller, Jr.  
 Charles Thomas VanStone  
 \*\*Ernest Wilson Vetter

John Hoy Wagner, Jr.  
 \*Arthur Philips Wallace  
 Thomas Edward Waltersdorf  
 Robert Byers Wareheim  
 \*Palmer Rothermel Watkins  
 Donald Munson Weekes  
 \*George Buffington Weigand, Jr.  
 Lawrence Emerson Welker  
 \*\*Alton Adam Wentzel  
 Alfred Kenneth White, Jr.  
 Harvey Melvin White, Jr.  
 \*Robert Milton White  
 William James White  
 \*Kenneth Funck Whitmire  
 Robert Bauman Wieand  
 Jack Lyter Williams  
 \*Albert Allen Witz  
 John Russell Yocum, Jr.  
 Robert Morris Yost  
 George Donald Young  
 Maurice LeRoy Zeigler, Jr.  
 Albert William Zercher

Eva Marie Zinner

### *Degrees with Distinction*

#### *Magna Cum Laude*

Virginia Mae Decker  
 Louis John Hammann, III

John Arthur Larsen  
 Douglas Gorr Martz  
 Harold Rudolph Morgenfruh

#### *Cum Laude*

Joseph David Crovo  
 Frederic Leopold Frankl  
 Robert James Frey  
 David Wilson Longacre  
 Richard Eugene Manning

Roy Wade Ortel  
 William Ray Rock  
 Eugene Weant Stambaugh  
 Alfred Kenneth White, Jr.  
 Eva Marie Zinner

### *Valedictorian*

Douglas Gorr Martz

### *Salutatorian*

Virginia Mae Decker

### *Highest Class Honors*

Rollin Ray Evelan

Douglas Gorr Martz

\*Completed requirements September 1, 1950

\*\*Completed requirements January 26, 1951

*Class Honors*

## SENIOR

Winifred Claire Armstrong  
 Stephen McClintock Ayres  
 Jean Charles Barnett  
 Owen VanDyke Coble  
 Joseph David Crovo  
 Virginia Mae Decker  
 Frederic Leopold Frankl  
 Robert James Frey  
 John Robert Galbraith  
 Louis John Hammann, III  
 Charles Burrell Hollaway  
 Paul Laverne Kauffman  
 David Paul Kyler

John Arthur Larsen  
 Margaret Boyd McGuire  
 Richard Lee Major, III  
 Harold Rudolph Morgenfruh  
 Robert Emmet O'Brien, Jr.  
 Roy Wade Ortel  
 Henry Wisner Parlett  
 William Howard Pugh  
 James Fry Rehr  
 Janet Ziegler Schultz  
 Eugene Weant Stambaugh  
 Shirley Joan Thomas  
 Robert Byers Wareheim

Alfred Kenneth White, Jr.

*Highest Class Honors*

## JUNIOR

Frank Henry Barranco

Stewart V. Veale

*Class Honors*

## JUNIOR

Ruth Isabelle Ballantyne  
 Richard Glenn Barkhouser  
 Karl Danner Clouser  
 John Edward Cromwell  
 Patricia Ann Emlet  
 Dean R. Erdman  
 Harold Newman Frock  
 Richard Brown Gibson

Wilbert Eugene Gladfelter  
 JoAnn Ellen Huber  
 Marion Markle Jones  
 Bruce Milton James Knauss  
 Carey Armstrong Moore, Jr.  
 Harry Aaron Reynolds, Jr.  
 Robert Roy Schweizer  
 Alexander Paul Von Schlichten

Ellen Lee Welsh

*Highest Class Honors*

## SOPHOMORE

Margaret Alice Carr

Frederick Harry Segner  
 Glenn Robert Weiland

*Class Honors*

## SOPHOMORE

Gladys Louise Hicks  
 Jean Carolyn Sloop  
 Howard Woodrow Smith

Albert Miller Stock  
 Rose Marie Swisher  
 Jean Frances Waltemyer

*Highest Class Honors*

## FRESHMAN

John Adams Grant

*Class Honors*

## FRESHMAN

Mary Catherine Albaugh  
 Winona Jane Drennen  
 Barbara Ann Erb  
 Ralph Conrad Fisher  
 Robert Michael Gemmill  
 Jacquelyn May Harvey

Anita Margit Holmsten  
 Earl Rudisill Humbert  
 Faye Elsa Luckenbill  
 Glenn Rodney Newman  
 Gladys Arlene Weirick Owen  
 Nancy Joan Penniman

Helen Ann Souder

*Departmental Final Honors**In Chemistry*

Douglas Gorr Martz

*In Economics*

Jack Kennard Svitzer

*In English*

Rollin Ray Evelan

*In German*

David Lee Scheidt

*In Greek*

John Robert Hershberger, Jr.

*In History*

Virginia Mae Decker

*In Latin*

Louis John Hammann, III

*In Political Science*

James Fry Rehr

*In Psychology*

Janet Ziegler Schultz

*In Social Science*

Frederic Leopold Frankl

*Seniors Elected to Phi Beta Kappa*

Virginia Mae Decker  
 Rollin Ray Evelan  
 Barbara Therrio Eves  
 Louis John Hammann, III  
 John Arthur Larsen  
 Margaret Boyd McGuire

Douglas Gorr Martz  
 Harold Rudolph Morgenfruh  
 William Ray Rock  
 Donald Earl Stoudt  
 Robert Byers Wareheim  
 Alfred Kenneth White, Jr.

*Seniors in Gettysburg Honor Society*

Winifred Claire Armstrong  
 Alfred William Aspen, Jr.  
 Stephen McClintock Ayres  
 Anthony Joseph Costanzo

Virginia Mae Decker  
 Bertha Louise DeMoch  
 Louis John Hammann, III  
 Mary Alice Hartranft

John Robert Hershberger, Jr.  
Allan Weir Holman, Jr.  
Douglas Gorr Martz  
Robert Emmet O'Brien, Jr.  
Roy Wade Ortel

William Ray Rock  
Shirley Joan Thomas  
Alfred Kenneth White, Jr.  
Robert Morris Yost  
Eva Marie Zinner

## Prizes

### *Air Force Association Prize*

Henry Wisner Parlett

### *Association of the United States Army Prize*

William Howard Pugh

### *Baum Mathematical Prize*

Andrew Peter Kordalewski

### *With Honorable Mention*

Gladys Louise Hicks

### *Beachem Award*

John Reuben Jones, Jr.  
Dwight Warren Speaker

### *Chi Omega Social Science Award*

Jean Charles Barnett

### *Class of 1916 Prize*

Jeanne Frances Waltemyer

### *Delta Gamma Alumnae Association Award*

Elaine Catherine Serfass

### *Delta Phi Alpha Prize*

David Lee Scheidt

### *Fisher Award*

Eugene Elmer Coder

### *Garver Greek Prize*

Robert Harry Trone

### *With Honorable Mention*

Howell Samuel Foster, Jr.  
Roy Wade Ortel

### *Garver Latin Prize*

Patricia Joanne Weikel

### *Hamme Award*

Karl Danner Clouser

### *Hanson Award*

Louis John Hammann, III

### *Hassler Latin Prize*

Marion Markle Jones

### *Heimer Scholarship Award*

Jack Kennard Svitzer

### *Military Memorial Prizes*

Joseph Nick Manganaro  
Kenneth MacIntyre Rommel, Jr.

### *Moore Award*

Allan Weir Holman, Jr.  
Herman Richard Knippel

### *Muhlenberg Freshman Prize*

Winona Jane Drennen

### *Nicholas Bible Prize*

David Paul Kyler

### *Phi Sigma Iota Prize*

Richard Lee Major, III  
Shirley Joan Thomas

### *Sceptical Chymists Prize*

Russell Donald Charles  
Henry Wisner Parlett

### *Stine Chemistry Prize*

Paul Laverne Kauffman  
Henry Wisner Parlett

### *With Honorable Mention*

Owen VanDyke Coble  
Douglas Gorr Martz

### *Zimmerman Senior Prize*

Roy Wade Ortel

*Honorary Degrees**Doctor of Divinity*

Edward Bard Buller, Jr.  
Walden Martin Holl

John Calvin Stuff  
Viggo Swensen

*Doctor of Laws*

George Hay Kain

Thomas Franklin Lansberry

*Doctor of Science*

Walter Edwin Burkhard

*Doctor of Science in Physical Education*

William Glenn Killinger



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# Gettysburg College Bulletin



CATALOG NUMBER

# Gettysburg College Bulletin

*Formerly Pennsylvania College  
Founded in 1832*

REGISTER FOR 1952 - 1953  
ANNOUNCEMENT OF COURSES 1953 - 1954

*Vol. XLIII . February, 1953 . No. 2*

GETTYSBURG COLLEGE  
GETTYSBURG, PENNSYLVANIA

*Published in January, February, March, April, June,  
October, December*

Entered at the Post Office at Gettysburg, Pa., as second-class matter under  
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The provisions of this bulletin are not to be regarded as an irrevocable contract between the College and the student. The College reserves the right to change any provision or requirement at any time, but its practice is to make no provisions retroactive.

## *Foreword*

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### *Educational Objectives of Gettysburg College*

Gettysburg College is dedicated to the task of developing Christian character. As a Christian college closely related to the church, it seeks to provide intellectual, spiritual, social, and physical development of its students in accordance with recognized principles and practices of higher education and in conformity with the religious and moral principles of Christianity. Its faculty and students have been selected with this fundamental idea in mind. The result is that Gettysburg College is a small, independent, campus college providing a setting in which students may develop habits of industry and integrity, cooperation and conscientiousness.

Education must always center in the acquisition of knowledge, the training of the intellect, the development of character, and the enrichment of life. Gettysburg College seeks to attain these objectives through a well-rounded program. Specifically its objectives may be stated as follows :

First, to emphasize in the mind of the student the importance of the Christian faith as an integrating force in his life ; to help him realize that education without religion is inadequate.

Second, to provide for the student a broad cultural development, to stimulate his intellectual development, and to aid him in forming a sound philosophy of life.

Third, to lead him to explore the vast fields of the physical sciences, the social studies, philosophy, language, literature, and religion, and to help him discover the relevance of our accumulated knowledge to the formation of his own interests, principles, and ideals ; to give him an informed and vital appreciation of beauty as it is represented in the expressive and creative arts ; and to train him in the social graces and in the ability to live harmoniously and happily with others.

Fourth, to train him in the spirit and the technique of research, so as to enable him to continue successfully his efforts toward the mastery of his chosen subject in the professional or graduate schools or in industrial research.

Fifth, to challenge him to a great loyalty to American institutions and ideals ; to develop in him a deep sense of social and civic responsibility ; to help him realize that in a democracy the very foundation of national life is an intelligent and dedicated citizenry—a citizenry which knows that every privilege enjoyed under the institutions of our society is matched by corresponding responsibilities.

Sixth, to give careful attention to his physical well-being ; to emphasize the importance of a sound body as a framework for a sound mind and a happy spirit ; to educate him, partly through the extracurricular program of the college, in the correct use of leisure time and in recognition of the value of all recreational activities.

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# COLLEGE CALENDAR

1952-1953

1952	REGULAR SESSION
<i>September 15 to 18</i>	<i>Monday to Thursday, Orientation Week and Registration.</i>
<i>September 18</i>	<i>Thursday, Formal Opening Exercises.</i>
<i>September 19</i>	<i>Friday, 8:00 A.M., Beginning of classes.</i>
<i>November 26 to</i>	<i>Wednesday, Noon, to Monday, 8:00 A.M., Thanksgiving Recess.</i>
<i>December 1</i>	
<i>December 17</i>	<i>Wednesday, Noon, Beginning of Christmas Recess.</i>
1953	
<i>January 5</i>	<i>Monday, 8:00 A.M., End of Christmas Recess.</i>
<i>January 19 to 29</i>	<i>Monday through Thursday, Examinations.</i>
<i>February 2</i>	<i>Monday, Registration of New Students.</i>
<i>February 3</i>	<i>Tuesday, 8:00 A.M., Beginning of Second Semester.</i>
<i>February 16 to 18</i>	<i>Monday through Wednesday, Religion-in-Life Week.</i>
<i>March 13 to 15</i>	<i>Friday through Sunday, Interfraternity Week.</i>
<i>April 1</i>	<i>Wednesday, 8:00 A.M., Beginning of Easter Recess.</i>
<i>April 8</i>	<i>Wednesday, 8:00 A.M., End of Easter Recess.</i>
<i>April 27 to 30</i>	<i>Monday through Thursday, Senior Comprehensives.</i>
<i>May 2 and 3</i>	<i>Saturday and Sunday, Mother's Day.</i>
<i>May 12</i>	<i>Tuesday, Spring Registration.</i>
<i>May 22 to May 30</i>	<i>Friday through Saturday, Examinations.</i>
<i>June 5</i>	<i>Friday, Alumni Council Dinner.</i>
<i>June 6</i>	<i>Saturday, Noon, Alumni Collation.</i>
<i>June 7</i>	<i>Sunday, 9:00 A.M., Commissioning of ROTC Graduates.</i>
	<i>Sunday, 10:30 A.M., Baccalaureate Exercises.</i>
	<i>Sunday, 2:30 P.M., Commencement Exercises.</i>
1953	SUMMER SESSION
<i>June 15</i>	<i>Monday, Registration. 9:00 A.M.-12:00 M. Organization of classes 1:30-3:30 P.M.</i>
<i>June 16</i>	<i>Tuesday, Beginning of classes.</i>
<i>July 24</i>	<i>Friday, End of First Session.</i>
<i>July 27</i>	<i>Monday, Beginning of Second Session.</i>
<i>September 4</i>	<i>Friday, End of Second Session.</i>
	No Saturday Classes

# COLLEGE CALENDAR

1953-1954

1953

*September 14 to 17*

*September 17*

*September 18*

*September 23*

*October 17*

*November 7 and 8*

*November 25 to 30*

*December 16*

REGULAR SESSION

*Monday to Thursday*, Orientation Week and Registration.

*Thursday*, Formal Opening Exercises.

*Friday*, 8:00 A.M., Beginning of classes.

*Wednesday*, College Communion.

*Saturday*, Alumni Homecoming.

*Saturday and Sunday*, Father's Day.

*Wednesday*, Noon, to *Monday*, 8:00 A.M., Thanksgiving Recess.

*Wednesday* Noon, Beginning of Christmas Recess.

1954

*January 4*

*January 18 to 28*

*February 1*

*February 2*

*February 8 to 10*

*March 12 to 14*

*April 14*

*April 21*

*April 26 to 29*

*May 1 and 2*

*May 18*

*May 21 to May 29*

*June 4*

*June 5*

*June 6*

*Monday*, 8:00 A.M., End of Christmas Recess.

*Monday through Thursday*, Examinations.

*Monday*, Registration of New Students.

*Tuesday*, 8:00 A.M., Beginning of Second Semester.

*Monday through Wednesday*, Religion-in-Life Week.

*Friday through Sunday*, Interfraternity Week.

*Wednesday*, 8:00 A.M., Beginning of Easter Recess.

*Wednesday*, 8:00 A.M., End of Easter Recess.

*Monday through Thursday*, Senior Comprehensive Examinations.

*Saturday and Sunday*, Mother's Day.

*Tuesday*, Spring Registration.

*Friday through Saturday*, Examinations.

*Friday*, Alumni Council Dinner.

*Saturday*, Noon, Alumni Collation.

*Sunday*, 9:00 A.M., Commissioning of ROTC Graduates.

*Sunday*, 10:30 A.M., Baccalaureate Exercises.

*Sunday*, 2:30 P.M., Commencement Exercises.

## *Board of Trustees*

<i>First Elected</i>		<i>Term Expires</i>
1923	HENRY W. A. HANSON, D.D., LL.D., Harrisburg	1957
1929	CHARLES M. A. STINE, PH.D., Sc.D., <i>Chairman</i> , Wilming- ton	1958
1932	JOHN H. BEERITS, Somerset	1955
1932	HARRY H. BEIDLEMAN, D.D., Hanover	1955
1932	AMOS E. TAYLOR, PH.D., Washington, D. C.	1953
1935	C. WILLIAM DUNCAN, Philadelphia	1953
1937	CLYDE E. GERBERICH, Mount Joy	1954
1937	THE HONORABLE HIRAM H. KELLER, LL.D., <i>Vice Chair- man</i> , Doylestown	1954
1939	EDWARD W. FURST, Swarthmore	1957
1939	WILLIAM J. MILLER, JR., D.D., Philadelphia	1954
1939	THE HONORABLE JOHN STANLEY RICE, <i>Assistant Secre- tary</i> , Gettysburg	1956
1940	WILLIAM H. PATRICK, JR., <i>Secretary</i> , Philadelphia	1958
1941	RICHARD C. WETZEL, Reading	1953
1941	CHARLES B. MCCOLLOUGH, Detroit	1953
1945	CLARENCE L. S. RABY, PD.D., <i>Alumni Representative</i> , Phila- delphia	1954
1946	HORACE G. PORTS, <i>Alumni Representative</i> , York	1953
1946	CLARENCE A. WILLS, Gettysburg	1958
1947	MRS. CHARLES W. BAKER, JR., Duquesne	1954
1948	WILLIAM H. SANDLAS, Baltimore	1954
1948	CHESTER S. SIMONTON, D.D., York	1954
1949	PAUL R. SIEBER, M.D., Pittsburgh	1955
1949	L. RALPH TABOR, D.D., <i>Alumni Representative</i> , Baltimore	1955
1950	MRS. AUSTIN FELLENBAUM, <i>Alumni Representative</i> , Lan- caster	1956
1951	ARTHUR HENDLEY, <i>Alumni Representative</i> , Baltimore	1957
1952	WALTER CONSUELO LANGSAM, PH.D., LL.D., Gettysburg	
1952	JOHN A. APPLE, Sunbury	1958
1952	W. EMERSON GENTZLER, <i>Alumni Representative</i> , New York	1958
1952	LESTER GINGERICH, Pittsburgh	1958

THE GETTYSBURG NATIONAL BANK, *Treasurer*

## *Standing Committees of the Board*

---

*Executive Committee:* HIRAM H. KELLER, *Chairman*; JOHN S. RICE, *Vice Chairman*; WILLIAM H. PATRICK, JR., *Secretary*; EDWARD W. FURST, CHARLES B. MCCOLLOUGH, AMOS E. TAYLOR, RICHARD C. WETZEL.

*Finance Committee:* EDWARD W. FURST, *Chairman*; AMOS E. TAYLOR, *Vice Chairman*; WILLIAM H. PATRICK, JR., *Secretary*; JOHN A. APPLE, W. EMERSON GENTZLER, RICHARD C. WETZEL, CLARENCE A. WILLS.

*Buildings and Grounds Committee:* WILLIAM H. SANDLAS, *Chairman*; JOHN S. RICE, *Secretary*; JOHN A. APPLE, MRS. AUSTIN FELLENBAUM, LESTER GINGERICH, HENRY W. A. HANSON, RICHARD C. WETZEL.

*College Infirmary Committee:* PAUL R. SIEBER, *Chairman*; MRS. AUSTIN FELLENBAUM, *Vice Chairman*; CLYDE E. GERBERICH, ARTHUR HENDLEY, L. RALPH TABOR.

*Representative on the Advisory Committee on Athletics:* CLARENCE L. S. RABY.

*Religious Activities:* CHESTER S. SIMONTON, *Chairman*; L. RALPH TABOR, *Vice Chairman*; MRS. CHARLES W. BAKER, JR., HARRY H. BEIDLEMAN, HENRY W. A. HANSON, WILLIAM J. MILLER, JR.

*Physical Education:* JOHN S. RICE, *Chairman*; PAUL R. SIEBER, *Vice Chairman*; C. WILLIAM DUNCAN, MRS. AUSTIN H. FELLENBAUM, CLARENCE L. S. RABY.

*Fraternalities:* JOHN A. APPLE, *Chairman*; CLARENCE L. S. RABY, *Vice Chairman*; MRS. CHARLES W. BAKER, JR., CLYDE E. GERBERICH, HORACE G. PORTS.

### *Ex-Officio Members of All Committees*

PRESIDENT OF THE COLLEGE  
CHAIRMAN OF THE BOARD OF TRUSTEES

## *The Administration*

---

WALTER C. LANGSAM, PH.D., LL.D.  
*President*

HENRY W. A. HANSON, D.D., LL.D.  
*President Emeritus*

EDWERTH E. KORTE, B.D.  
*Chaplain*

C. PAUL CESSNA, A.M.  
*Alumni Secretary*

MAXWELL D. BUCKLEW, A.B.  
*Director of Public Relations*

ROSE MARIE SWISHER, A.B.  
*Secretary to the President*

ROSEA B. ARMOR  
*Secretary to the Alumni Secretary*

### ACADEMIC

WILBUR E. TILBERG, PH.D.  
*Dean of the College*

CHARLES R. WOLFE, A.M.  
*Dean of Admissions and Registrar; Secretary of the Faculty*

MILDRED F. JOHNSON, A.B.  
*Acting Dean of Women*

MARTHA STOREK, PH.D.  
*Dean of Women (Effective July 1, 1953)*

ROBERT H. FRYLING, M.S.  
*Dean of Men*

RICHARD A. ARMS, PH.D.  
*Director of the Summer Session*

WILLIAM O. DUCK, PH.D.  
*Guidance Counselor*

JOHN H. KNICKERBOCKER, A.M.  
*Librarian*

JOHN SHELDON, B.S.L.S.  
*Assistant Librarian*

DOROTHY J. RIDDAGH, B.S.L.S.  
*Assistant Librarian*

MILDRED H. HARTZELL, B.S.  
*Secretary to the Dean*

RUTH S. GROFT  
*Secretary to the Dean of Admissions*

## BUSINESS

RICHARD C. DEBUS, M.B.A.  
*Business Manager*

NELSON J. GROFT  
*Superintendent of Buildings and Grounds*

ELIZABETH PENNINGTON, B.S.  
*Dining Hall Manager*

PHILLIP E. MCGUIRE, A.B.  
*Bookstore Manager*

RICHARD A. BROWN, LL.B.  
*College Counsel*

## HEALTH

JOSEPH J. BAKER, M.D.  
*Medical Director*

CHESTER G. CRIST, M.D.  
*Medical Director Emeritus*

PEGGY HILL, R.N.  
LOIS HOTTE, R.N.  
HARRIET LENZING, R.N.  
*College Nurses*

## HOUSEMOTHERS

WINIFRED E. CAMPBELL  
LORETTA V. DEATRICK  
ANNA E. GLAES  
MAY H. SORRICK

# *The Faculty as of March 1, 1953*

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WALTER C. LANGSAM, *President*

B.S., *The College of the City of New York*; A.M., PH.D., *Columbia University*;  
LL.D., *Gettysburg College*.

WILBUR E. TILBERG, *Dean*

A.B., *Bethany College*; A.M., *University of Kansas*; PH.D., *University of Wisconsin*.

## PROFESSORS EMERITI

KARL J. GRIMM, *Professor of German, Emeritus*

PH.D., *The Johns Hopkins University*; LL.D., *Carthage College*.

CHARLES F. SANDERS, *Professor of Philosophy, Emeritus*

A.B., A.M., *Gettysburg College*; D.D., *Lafayette College*.

## PROFESSORS

RICHARD A. ARMS, *Alumni Professor of Mathematics and Director of Dramatics*

A.B., *Ursinus College*; PH.D., *University of Pennsylvania*.

FRANK H. KRAMER, *Professor of Education*

A.B., *Gettysburg College*; A.M., PH.D., *University of Pennsylvania*.

JOHN B. ZINN, *Ockershausen Professor of Chemistry*

B.S., *Gettysburg College*; PH.D., *The Johns Hopkins University*.

ROBERT FORTENBAUGH, *Adeline Sager Professor of History*

A.B., *Gettysburg College*; Graduate, *Lutheran Theological Seminary, Gettysburg*; A.M., *Syracuse University*; PH.D., *University of Pennsylvania*.

CLAYTON E. BILHEIMER, *Professor of Physical Education*

M.E., *Lehigh University*; A.M., *Columbia University*.

WILLIAM C. WALTEMYER, *Amanda Rupert Strong Professor of English Bible*

A.B., *Gettysburg College*; B.D., *Gettysburg Theological Seminary*; A.M., PH.D., *American University*.

ALBERT BACHMAN, *Professor of Romance Languages*

PH.D., *University of Zurich*; Agrégation, *University of Zurich*; PH.D., *Columbia University*.

JOHN G. GLENN, *Pearson Professor of Latin*

A.B., A.M., *Wesleyan University*; PH.D., *Princeton University*.

GEORGE R. MILLER, *Sahn Professor of Physics*

B.S., M.S., *Gettysburg College*; PH.D., *University of Michigan*.

EARL BOWEN, *Dr. Charles H. Graff Professor of Biology*

A.B., *Hendrix College*; A.M., PH.D., *Harvard University*.

WILLIAM K. SUNDERMEYER, *Professor of German*

PH.D., *University of Goettingen*.

WILLIAM FREDERICK SHAFFER, *Franklin Professor of Greek*

A.B., A.M., PH.D., *Princeton University*.

NORMAN E. RICHARDSON, JR., *William Bitteringer Professor of Philosophy*

A.B., *Amherst College*; B.D., *Yale Divinity School*; PH.D., *Yale University*.

KENNETH L. SMOKE, *Professor of Psychology*

A.B., A.M., PH.D., *Ohio State University*.

GEORGE S. WARTHEN, *Graeff Professor of English*

A.B., A.M., *University of Virginia*; A.M., *Harvard University*; PH.D., *The Johns Hopkins University*.

PARKER B. WAGNILD, *Professor of Music*

A.B., *St. Olaf College*; M.S.M., *Union Theological Seminary*; B.D., *Gettysburg Theological Seminary*; A.M., *New York University*.

MILTON L. STOKES, *Professor of Economics and Political Science*

A.B., A.M., LL.B., *University of Toronto*; PH.D., *University of Pennsylvania*.

COL. CHARLES E. FULTON, *Professor of Air Science*

B.S., *Akron University*.

MAJOR WILLIAM M. LIPSEY, *Professor of Military Science and Tactics*

B.S., *University of Alabama*.

## ASSOCIATE PROFESSORS

GEORGE R. LARKIN, *Associate Professor of Economics*

A.B., A.M., *Wesleyan University*.

FRANCIS C. MASON, *Associate Professor of English*

A.B., A.M., *University of Virginia*; A.M., *Harvard University*; PH.D., *University of Virginia*.

C. ALLEN SLOAT, *Associate Professor of Chemistry*

B.S., *Gettysburg College*; A.M., *Haverford College*; PH.D., *Princeton University*.

HENRY T. BREAM, *Associate Professor of Physical Education*

B.S., *Gettysburg College*; A.M., *Columbia University*.

HAROLD M. MESSER, *Associate Professor of Biology*

PH.B., *Brown University*; A.M., *Columbia University*.

FREDERICK C. AHRENS, *Associate Professor of German*

A.B., *University of Western Ontario*; A.M., PH.D., *Columbia University*.

HERBERT G. HAMME, *Associate Professor of Romance Languages*

A.B., *Dickinson College*; A.M., *Gettysburg College*.

GLENN S. WEILAND, *Associate Professor of Chemistry*

B.S., M.S., PH.D., *University of Maryland*.

LESTER O. JOHNSON, *Associate Professor of Education*

A.B., *St. Olaf College*; A.M., *University of Minnesota*.

WILLIAM D. HARTSHORNE, JR., *Associate Professor of Romance Languages*

A.B., A.M., *Haverford College*; *Diplôme de Professeur de français à l'étranger*, *Université de Toulouse*.

EARL E. ZIEGLER, *Associate Professor of Mathematics*

B.S., M.S., *Gettysburg College*.

HAROLD A. DUNKELBERGER, *Associate Professor of Bible*

A.B., *Gettysburg College*; B.D., *Lutheran Theological Seminary*; PH.D., *Columbia University*.

MARTHA STOREK, *Associate Professor of German*

A.B., *Connecticut College*; PH.D., *Bryn Mawr College*.

## ASSISTANT PROFESSORS

ANGEL FRANCO, *Assistant Professor of Spanish*

A.B., A.M., *University of Puerto Rico*.

JOSEPH K. WOLFINGER, *Assistant Professor of English*

A.B., *St. John's College*; A.M., *The Johns Hopkins University*.

CLARENCE BARTHOLOMEW, *Assistant Professor of Health and Physical Education*

B.S., M.S., Ed.D., *University of Pennsylvania.*

HARRY F. BOLICH, *Assistant Professor of English*

A.B., A.M., *Bucknell University.*

HEINZ LANGERHANS, *Assistant Professor of Sociology*

Ph.D., *University of Frankfurt.*

JOHN M. YOVICIN, *Assistant Professor of Physical Education*

A.B., *Gettysburg College*; M.S., *University of Pennsylvania.*

CONWAY S. WILLIAMS, *Assistant Professor of Economics*

A.B., *Columbia University*; M.S., *Columbia School of Business.*

GRACE C. KENNEY, *Assistant Professor of Physical Education*

B.S., *New York University*; A.M., *Columbia University.*

CHESTER JARVIS, *Assistant Professor of Political Science*

A.B., A.M., *University of California.*

CAPT. HOLLIS L. MULLER, JR., USAF, *Assistant Professor of Air Science*

B.S., *United States Military Academy*; A.B., *Gettysburg College.*

RICHARD SCHUBART, *Assistant Professor of Philosophy*

A.B., *Dartmouth College*; A.M., *Columbia University.*

PAUL R. BAIRD, *Assistant Professor of Economics*

A.B., A.M., *Pennsylvania State College.*

MARVIN M. HENSLEY, *Assistant Professor of Biology*

A.B., *Greenville College*; M.S., *University of Illinois*; Ph.D., *Cornell University.*

MAJOR FLOYD H. McKEAND, JR., *Assistant Professor of Air Science*

A.B., *Marshall College.*

CHARLES W. MATHIAS, *Assistant Professor of Psychology*

B.S., *Adrian College*; M.A., *University of Pittsburgh.*

1ST LT. JOHN C. WILLIAMS, *Assistant Professor of Air Science*

A.B., *Pennsylvania State College.*

1ST LT. JAMES F. EISMANN, *Assistant Professor of Military Science and Tactics*

A.B., *Gettysburg College.*

ROBERT L. BLOOM, *Assistant Professor of History*

B.S., *Shippensburg State Teachers College*; A.M., *Duke University*; PH.D., *Columbia University*.

ANDREW L. MAFFETT, *Assistant Professor of Mathematics*

A.B., *Gettysburg College*; A.M., *University of Michigan*.

## INSTRUCTORS

KATHRINE KRESSMANN TAYLOR, *Instructor in English*

A.B., *University of Oregon*.

T/SGT. ALBERT HUMPHRIES, USAF, *Instructor in Air Science*

JACK W. SHAINLINE, *Instructor in Physical Education*

A.B., *Gettysburg College*; A.M., *Columbia University*.

BASIL L. CRAPSTER, *Instructor in History*

A.B., *Princeton University*; A.M., PH.D., *Harvard University*.

CHARLES H. GLATFELTER, *Instructor in Political Science and Economics*

A.B., *Gettysburg College*; PH.D., *The Johns Hopkins University*.

GEORGE E. GRUBE, *Instructor in Biology*

B.S., *Muhlenberg College*; M.S., *Cornell University*.

WILLIAM F. GREEN, *Instructor in Physics*

A.B., *Gettysburg College*.

CHARLES RAITH, *Instructor in Political Science*

A.B., A.M., *University of Pennsylvania*.

GUILLERMO BARRIGA, *Instructor in Spanish*

B.S., *Colombian Naval Academy*.

JOHN K. CARR, *Instructor in Physics*

A.B., *Gettysburg College*.

EDGAR L. EDDINS, *Instructor in Psychology*

A.B., *Gettysburg College*; A.M., *Temple University*.

SGT. ROBERT A. FISCUS, *Instructor in Military Science*

M/SGT. ELMER J. JOHNSON, *Instructor in Air Science*

M/SGT. MAX T. LEONARD, *Instructor in Air Science*

M/SGT. ANTHONY J. NAVICKAS, *Instructor in Military Science*

MARILYN E. REICHERT, *Instructor in French*

A.B., *Gettysburg College*.

LEROY W. SMITH, *Instructor in English*

A.B., *American University*; A.M., *George Washington University*.

LAWRENCE M. WASHINGTON, *Instructor in German*

A.B., A.M., *Middlebury College*.

SFC. JOHN DEBORDE, JR., *Instructor in Military Science*

M/SGT. IRA S. RION, *Instructor in Military Science*

LOIS J. GORE, *Instructor in Physical Education*

B.S., *Temple University*.

SIGRID L. LEHNBERGER, *Instructor in French and Spanish*

A.B., *Hofstra College*; A.M., *Duke University*.

JAMES S. LENTZ, *Instructor in Physical Education*

A.B., *Gettysburg College*.

RALPH D. LINDEMAN, *Instructor in English*

A.B., *University of Pittsburgh*; A.M., *Columbia University*.

T/SGT. VERNON M. LYONS, *Instructor in Air Science*

S/SGT. JOHN D. MORRILL, *Instructor in Air Science*

RICHARD F. TOMASSON, *Instructor in Sociology*

A.B., *Gettysburg College*.

## LECTURERS

PAUL A. HARNER, *Music*

*Peabody Conservatory of Music*.

MARTHA SACHS, *English*

A.B., *Gettysburg College*; A.M., *University of Pennsylvania*.

THEODORE C. SCHLACK, *Bible*

A.B., *Gettysburg College*.

ROBERT E. CARL, *Bible*

A.B., *Gettysburg College*; B.D., *Gettysburg Lutheran Theological Seminary*.

EUGENE R. McVICKER, *Bible*  
A.B., *Gettysburg College*.

R. HENRY ACKLEY, *Music*  
A.B., *Western Maryland College; Peabody Conservatory of Music*.

#### PRIVATE INSTRUCTORS IN APPLIED MUSIC

VIRGINIA BARRIGA, *Violin*  
Student of Ferdinand Fillon and of Marcel Chailley of the *L'École Normale*,  
Mesique, Paris.

TOINI KOSKI HEIKKINEN, *Piano*  
M.B., *Oberlin Conservatory*.

J. HERBERT SPRINGER, *Organ and Piano*  
Student of Tobias Matthay and of Frank Manheimer, London, England.

MARIE BUDDÉ, *Voice*  
B.M., *Curtis Institute of Music; Peabody Conservatory of Music*.

#### ASSISTANTS

WILLIAM E. EISENHART, *Biology*  
A.B., *Gettysburg College*.

ALICE PLANK, *Biology*  
A.B., *Gettysburg College*.

ROBERT JONES, *Chemistry*  
A.B., *Gettysburg College*.

## *Faculty Committees*

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*Absences:* TILBERG, AHRENS, CRAPSTER, EDDINS

*Admissions and Advanced Standing:* WOLFE, DUCK, GLENN, JOHNSON, TILBERG

*Advisory Committee on Athletics:* GLENN L. BREAM, *Chairman*; CLARENCE L. S. RABY (*Trustees Representative*); CLAYTON E. BILHEIMER, WILBUR E. TILBERG, EARL E. ZIEGLER (*Faculty Representatives*); GLENN L. BREAM, MRS. CARL O. GLEITSMANN, WILLIAM H. B. STEVENS (*Alumni Representatives*); STUDENTS

*Appreciation Courses:* KRAMER, ARMS, LANGERHANS, MASON, SHAFFER, SUNDERMEYER

*Bulletins:* WOLFE, CESSNA, DEBUS, DUCK, GLENN, MASON, WARTHEN, WOLFINGER

*Chest Fund:* DEBUS

*Ceremonies:* SMOKE, BILHEIMER, BOLICH, BREAM, FULTON, JOHNSON, KENNEY, KRAMER, WAGNILD, WARTHEN, ZIEGLER

*Curriculum and Policy:* FORTENBAUGH, ARMS, BACHMAN, BILHEIMER, BOWEN, FULTON, GLENN, KNICKERBOCKER, KRAMER, LIPSEY, MILLER, RICHARDSON, SHAFFER, SMOKE, STOKES, SUNDERMEYER, TILBERG, WAGNILD, WALTEMYER, WARTHEN, ZINN

*Discipline:* BOWEN, DUNKELBERGER, JOHNSON, REICHERT, SCHUBART, TILBERG; STUDENTS

*Dormitories:* FRYLING, BREAM, DUCK, DUNKELBERGER, GRUBE, JOHNSON, SLOAT, JOHNSON, WOLFE; STUDENTS

*Faculty Handbook:* GLENN, CRAPSTER, FORTENBAUGH, TILBERG, WOLFE

*Finance of Student Organizations:* FORTENBAUGH, DEBUS, GLATFELTER, LARKIN, JOHNSON, ZIEGLER; STUDENTS

*Freshman Advisers:* FRYLING, AHRENS, BARTHOLOMEW, BLOOM, BOLICH, DUNKELBERGER, GLATFELTER, HAMME, JARVIS, JOHNSON, MESSER, REICHERT, SCHUBART, SMITH, JOHNSON, TAYLOR, WEILAND, WILLIAMS, WOLFINGER, ZIEGLER

*General Education:* HARTSHORNE, ARMS, RICHARDSON, SUNDERMEYER, WOLFINGER

*Health:* BOWEN, BAKER, BREAM, DEBUS, KENNEY, JOHNSON, TILBERG

*Library:* GLENN, HENSLEY, KNICKERBOCKER, MATHIAS, SMITH, STOKES

*Literary Advisers for College Publications:* TAYLOR, HARTSHORNE, KORTE, RIDDAGH

*Pre-Medical:* TILBERG, BOWEN, GREEN, MESSER, MILLER, WEILAND, ZINN

*ROTC Co-ordinator:* FRYLING

*Scholarships:* WALTEMYER, BILHEIMER, DEBUS, TILBERG, WAGNILD, WOLFE, ZIEGLER

*Scholastic Standing:* TILBERG, ARMS, BLOOM, JOHNSON, SUNDERMEYER, WEILAND

*Social Functions:* TILBERG, FRANCO, FRYLING, JOHNSON, KRAMER, LIPSEY, WASHINGTON; STUDENTS

*Student Organizations:* HARTSHORNE, FRYLING, JOHNSON, KORTE, LANGERHANS, SHELDON

*Subfreshman Activities:* WOLFE, BREAM, CESSNA, DEBUS, FRYLING, JOHNSON, LIPSEY, TILBERG, WALTEMYER; STUDENTS

*Summer Session:* TILBERG, ARMS, BACHMAN, ZINN

*Synod Relations:* KORTE, DUNKELBERGER, WALTEMYER

The President of the College is an ex-officio member of all committees.

## *History of the College*

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Gettysburg College, like most of the older liberal arts colleges of the United States, was founded under church auspices. It is the oldest Lutheran college in America, its charter having been granted April 7, 1832. During the Civil War, the College buildings served as military hospitals and headquarters.

One of the primary objects of the founders was to prepare young men for admission to the theological seminary already established in Gettysburg. That purpose has never been forgotten; a number of the graduates of each year's class enter the ministry of the church.

The name of the College was changed in 1921 from "Pennsylvania College of Gettysburg" to "Gettysburg College." In its earliest days, the College was housed in a single building, now a private residence, at the corner of Washington and High Streets. The first building erected on the present campus was Pennsylvania Hall, the "Old Dorm." The physical equipment of the College, now including more than twenty-five buildings, is valued at \$4,500,000; the student enrollment is about twelve hundred, of whom about two hundred seventy-five are women; the original staff of five professors has grown to a faculty of about ninety. During the past thirty years, the assets of the College have increased by more than two million dollars. Among the buildings constructed within this period are the Library, Breidenbaugh Science Hall, Eddie Plank Memorial Gymnasium, Hanson Hall, Christ Chapel; Weidensall and Brua Halls were enlarged. The area of the campus is one hundred acres.

The educational services and academic reputation of Gettysburg College have kept pace with its material progress. It is fully accredited by all the important agencies; since 1923 it has had a chapter of Phi Beta Kappa. The College has contributed leaders in many occupations. A recent study of its graduates included the following occupational distribution: 439 lawyers and 15 judges; 566 physicians and surgeons and 77 dentists; 1,662 clergymen and 51 missionaries of the Christian religion; 1,206 school teachers, 471 college professors and 58 college presidents; 232 engineers and 217 scientists; 1,738 in leading business and industrial positions, and more than 2,200 graduates in other occupations.

During the Second World War, more than 1,600 alumni served in the armed forces, of whom upwards of seventy-five per cent were commissioned officers. The principal reason for its military distinction is that Gettysburg College has the oldest Reserve Officers' Training Corps unit in a private college. Since its establishment in 1916, the ROTC at Gettysburg, in addition to providing basic military training for some 2,500 men, has granted commissions to more than 500 graduates who have completed the advanced course. For two years of World War II, the College served as a preliminary training school for the Army Air Forces; nearly 2,000 additional men completed the program and went on to higher training schools or directly into the service. In addition to the ROTC course, there is the AFROTC course (Air Force) established in 1947.

Realizing that students are spiritual, intellectual and physical in their make-up, Gettysburg College encourages at all times a three-fold development of each individual in all classroom and social activities. As has always been true, its total endeavor is "to train men and women as leaders who will preserve this civilization with its emphasis on the dignity of the individual as a being created in the image of God."

Gettysburg College is grateful for the opportunities that it has had to contribute to the leadership of the country in the past. And it is ready to take up with confidence its American educative responsibilities in the days to come.

## *Buildings and Facilities*

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THE LIBRARY contains about sixty thousand volumes, including essential reference works and a serviceable collection of pamphlets, periodicals, and pictures. A number of valuable gifts of books have been received over the years, funds are available to meet the special needs of each department, and the general collection is being constantly increased.

The present building, Georgian in style, was opened to the students in the fall of 1929. It has a book capacity of one hundred thousand volumes and a seating capacity of three hundred readers. It contains reference and general reading rooms, seminar rooms, ample stack space, and accommodations for the library staff.

GLATFELTER HALL, erected in 1888-89 and named in honor of the late P. H. Glatfelter of Spring Grove, Pennsylvania, a former trustee, was extensively remodeled in 1929 by means of a generous gift from a friend of the College. The building is fire-resistive throughout.

The first floor of Glatfelter Hall is occupied by the College Administration, the Office of Guidance, the Departments of Mathematics, Latin, German, and Psychology. The Departments of Bible, History, Philosophy, Greek, English, and Romance Languages have their offices and classrooms on the second floor. On the third are the Departments of Political Science and Economics, Education, and Biology. Classrooms of the Department of Military Science and Tactics are in the basement.

The Biological Laboratories in Glatfelter Hall are equipped with carefully selected materials and apparatus necessary for both the elementary and the advanced courses in the biological sciences.

The reading room of the Biology Department is provided with current biological journals and essential reference works, to which additions are continually being made. This room is also used for the meetings of the Seminar and other small groups.

A temporary structure, attached to the west side of Glatfelter Hall and known as the Annex, provides four auxiliary classrooms.

BREIDENBAUGH SCIENCE HALL, a large brick building of colonial design on North Washington Street, is occupied by the depart-

ments of Chemistry and Physics and the College Radio Station, WWGC. The building was completed in 1927.

The Chemical Laboratories occupy the north and central portions of Breidenbaugh Science Hall. General, qualitative, quantitative, organic, and physical chemistry have separate laboratories and stock rooms equipped with essential apparatus and supplies.

The departmental library, also in Breidenbaugh Hall, contains a substantial reference section adapted to nearly all branches of chemistry, and new books are constantly being added. The department subscribes to some twenty-five scientific periodicals, including the *Journal of the American Chemical Society*, *Chemical Abstracts*, the *Decennial Indices*, and a number of French and German publications.

The Physical Laboratories, in the south part of Breidenbaugh Science Hall, are equipped with selected modern apparatus for elementary and advanced laboratory work and lecture demonstrations. Also included in the laboratories is a shop equipped with precision tools for the construction of special apparatus.

The departmental library is well provided with books on elementary and advanced laboratory experiments and technique, as well as books in the field of general Physics. Carefully selected publications are added each year.

BRUA HALL, erected in 1889-90, is a memorial to the parents of the late Col. John P. Brua, U.S.A. The building is used for daily chapel assemblies, lectures, concerts, and other occasions requiring a large auditorium.

Through the generosity of the Woman's League of Gettysburg College, a large addition to Brua Hall was erected and made available to the Music Department in 1951. Renovation of the original building will provide improved facilities for the dramatic organizations.

EDDIE PLANK MEMORIAL GYMNASIUM, a large Georgian structure completed in 1927, fulfills the functions of a gymnasium, social hall, armory, and auditorium. The lower floor is occupied by the rifle range and other facilities of the ROTC, locker and dressing rooms, showers, and the living quarters of the custodian. On the main floor are the gymnasium proper, a theatrical stage, and the offices of the Department of Physical Education. The Department of Military Science and Tactics occupies offices in the gallery.

ROBERT WEIDENSALL HALL, a colonial brick structure on North Washington Street, is the home of the Student Christian Associa-

tion. The original building was erected in 1923 by the Woman's League of Gettysburg College and named in honor of Robert Weidensall, LL.D., Class of 1860, a pioneer in the work of the YMCA. In the reconstruction which followed the fire of 1946 it was greatly enlarged, and it now contains a large center hall, an auditorium, a tiled swimming pool, a lounge for students, recreation and browsing rooms, and the offices of the SCA, the Chaplain, the Alumni Secretary, the Fine Arts staff, and the *Gettysburgian*.

PENNSYLVANIA HALL, "Old Dorm," erected in 1836-38 and used as a hospital during the famous battle, was remodeled and improved in 1889, and again in 1925. It contains eighty-five rooms for students, some of them *en suite*, so that those who desire may have separate study and sleeping rooms.

McKNIGHT HALL, erected in 1898 and named in honor of Harvey W. McKnight, fourth President of the College, is a three-story dormitory accommodating about fifty students. In the summer of 1949 the interior of this building was completely renovated.

HUBER HALL, a building of colonial design fronting on Carlisle Street, provides administrative, dormitory, and recreational facilities for women students and houses the College dining hall. The first floor contains a recreation room and living quarters for a number of students. The second, or main, floor contains a large dining hall, a modern kitchen, and the office of the Dean of Women. On the third floor are rooms for students. Huber Hall was built in 1917.

STEVENS HALL, also on Carlisle Street, has recently been completely refurnished by the Woman's League for the use of women students. There are accommodations for forty-nine girls, an apartment for the housemother, and a living room. The building was erected in 1868.

AUGHINBAUGH HALL, a large residence on Springs Avenue, accommodates twenty-seven girls and a housemother. There is a kitchen in which resident students may prepare breakfast.

HANSON HALL, a new dormitory which accommodates about one hundred girls, was opened for occupancy in the fall of 1950, and dedicated in honor of President Emeritus and Mrs. Henry W. A. Hanson. It contains an apartment for a housemother, an apartment for the Dean of Women, three snack kitchens, four sorority rooms, the Independent Women's Room, and lounges.

CHRIST CHAPEL, for which ground was broken on May 13, 1951, and the cornerstone of which was dedicated by President Henry W. A. Hanson on November 3, 1951, stands opposite Weidensall Hall. Together with this building the Chapel constitutes the visible center of the religious life of the campus and a memorial to the devotion of the many friends of the College whose gifts made its erection possible.

THE PRESIDENT'S HOUSE, built in 1915, is situated on the campus at the intersection of Stevens and Carlisle Streets. Originally known as the Stahley House, it became the official home of the President of the College in the summer of 1952.

THE CHAPLAIN'S RESIDENCE, erected in 1860 and situated just southeast of Glatfelter Hall, is traditionally known as the White House. Formerly the President's home, it became the residence of the College Chaplain in the fall of 1952.

THE INFIRMARY, on West Lincoln Avenue, provides for the isolation of contagious diseases, as well as the usual medical services. It is served by three resident nurses, under the supervision of a medical director and a Faculty committee.

THE COLLEGE BOOK STORE, adjacent to the campus on Stevens Street, dispenses textbooks, accessories, lunches, and light refreshments. It is owned and administered by the College. It was erected in 1939.

ADDITIONAL BUILDINGS, all located on the central campus, are the Business Office, two fraternity houses, a janitor's home, the heating plant, and certain temporary buildings.

OSOGA LODGE, a rustic cabin at Laurel Lake, some twenty miles north of Gettysburg, is available to student groups under proper supervision.

TEMPORARY DORMITORIES, erected in 1946 by the College and the Federal Housing Authority to accommodate the influx of students from the armed forces, consist of four buildings just north of Memorial Field. These dormitories accommodate 200 men.

APARTMENTS FOR MARRIED STUDENTS, housed in three buildings, comprise six four-room and four three-room apartments. These apartments, separately heated, are available to married students.

DEPARTMENT OF AIR SCIENCE AND TACTICS, a temporary building, obtained from the Army in 1947 and formerly operated as a recreation center by the Student Christian Association, now serves as headquarters and provides classroom facilities for the Department of Air Science and Tactics.

### *Athletic Fields*

MEMORIAL FIELD, lying west of the Eddie Plank Memorial Gymnasium, is a combination field for football and track.

NIXON FIELD, a seven-acre area lying east of the Gymnasium, contains a baseball diamond, and the College fields for the Women's Intercollegiate, Intramural, and Physical Education programs.

IRA PLANK MEMORIAL BASEBALL FIELD, lying northwest of Eddie Plank Memorial Gymnasium and containing a diamond with 400-foot foul lines, is devoted exclusively to intercollegiate baseball.

INTRAMURAL FIELD, north of Broadway, contains eight clay tennis courts; soccer, hockey, softball, and football fields; an archery range; and a practice tee for golf.

# College Expenses

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## Comprehensive Fee

Gettysburg College operates under the comprehensive fee plan, an all-inclusive fee which includes tuition, general fees, all laboratory fees, the athletic fee, the health fee, the library fee, graduation fees, the student chest fee, etc.—in short, all academic expenses except books and private lessons as in music. Under such a system every student and every parent will know well in advance exactly how much each year's College expenses will be.

The comprehensive fee allows a student to take from 20 to 36 credit hours per academic year (10 to 18 per semester). Anyone pursuing studies which total more than 18 semester hours per semester must pay \$20 tuition per semester hour above the 18 hours allowed.

Comprehensive Fee ..... \$625.00

## Board

College Dining Hall ..... \$370.00

## Room Rents

Aughinbaugh Hall .....	\$120.00
Hanson Hall .....	150.00
McKnight Hall .....	120.00
Pennsylvania Hall (Old Dorm) .....	120.00
Rooms in private homes .....	120.00 to \$225.00
Stevens Hall .....	120.00
Temporary Dormitories:	
Double rooms .....	70.00
Single rooms .....	90.00
Apartments for families .....	30.00 per month

## TOTAL YEARLY EXPENSES

	MINIMUM	LIBERAL
Comprehensive Fee .....	\$ 625.00	\$ 625.00
Board .....	370.00	370.00
Room (dormitory) .....	70.00	150.00
Books and Stationery (estimated) .....	25.00	50.00
Estimated total cost for college year .....	\$1,090.00	\$1,195.00

The above tabulation does not include laundry and personal expenses, such as clothing, spending allowances, fraternity dues, and transportation.

*Special Students*

Any student who does not take a full program (less than 10 semester hours) does not pay the comprehensive fee. The following rates apply for part-time students:

Tuition (per semester hour) .....	\$20.00
Laboratory fee (per semester, each) .....	15.00
Library fee (per semester) .....	3.00
Registration fee (per semester) .....	5.00

Part-time students do not receive free admission to intercollegiate athletic programs, the health service, and free participation in student-sponsored activities unless they pay a fee of \$50.00 per year.

*Payment of Bills*

All College bills are due and payable on or before registration each semester. The Business Manager will bill each student for one-half of the yearly charges before the beginning of each semester.

The Veterans Administration will pay the comprehensive fee and cost of books and supplies within the legal limits for veterans attending College under the provisions of Public Laws 16 and 346. Veterans attending College under the provisions of Public Law 550 (the Korean G.I. Bill) will receive monthly amounts from the Veterans Administration and are to pay their own College bills. Because of possible delays in receipt of these amounts and the fact that the V.A. will pay monthly, the College will allow accredited PL 550 students, upon application to the Business Manager, to select the following payment plan.

Fall registration .....	\$105.00
November 10 .....	104.00
December 10 .....	103.50
Spring registration .....	105.00
April 10 .....	104.00
May 10 .....	103.50

No student will be permitted to take the semester examinations, be graduated, receive a transcript of record or statement of honorable dismissal until all financial obligations to the College, class publications, fraternities, and other student interests have been met.

### *Deferred Payments*

The College is prepared, in certain circumstances, to grant deferred payments if application is made in writing to the Business Manager at least 10 days before registration.

### *Refunds*

No refunds of the comprehensive fee will be made after the first week of each semester except where a student has had to withdraw because of serious illness or call by Selective Service, in which case the fee will be refunded on a proportionate basis.

There will be no refund of the board charge except where a student has had to leave College. All those students anticipating joining a fraternity and boarding in the fraternity dining hall are urged to buy weekly meal tickets for the period from the start of the semester until pledging is over. If they find they do not wish to join a fraternity, the College business office will be happy to assign permanent meal tickets to them.

Room charges are refundable only if a student leaves College because of serious illness or call by Selective Service, or finds a replacement who is willing to assume the remaining charge.

Veteran credits will be made in accordance with existing Veterans Administration regulations.

### *Transcripts*

Each student is permitted one free transcript of his full record upon graduation or withdrawal from College. Anyone desiring more than one must send his request to the Registrar and enclose payment of \$1.00 for each additional transcript requested.

## *Admission of Students*

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The needs of the larger community in which the College exists are such that it is desirable to make available to as many as possible the benefits of a liberal arts education. Gettysburg College has been sensitive to these needs and has increased its enrollment as much as it has considered wise in order to meet the demand. At the same time, however, the College has kept in mind its belief that such an education can best be achieved in a small college atmosphere. In the firm conviction that it will be of most service if it maintains its character as a small church-related school, the College has stated requirements for admission which, it is hoped, will enable the College to select as students those young people who will contribute to and benefit from the College community in the highest degree. While the academic requirements are perhaps most important, the College hopes to attract students who have varied interests and abilities.

### *Application for Admission*

A student desiring to enter Gettysburg College from high school should secure an "Application for Admission" form from the Office of the Dean of Admissions. After the student has supplied the information called for on pages three and four of that form, he should ask the proper authorities of his high school or preparatory school to complete pages one and two and forward it to the Admissions Office. Regulations governing admission of applicants who have attended another college are stated in the section, "Admission with Advanced Standing."

For those students applying for admission in September 1953 there is no application fee, and the advance fees apply as published in the 1952 catalog.

The following provisions go into effect with applications for February 1954 and thereafter. A fee of \$5.00 must accompany the "Application for Admission" to the Admissions office. This fee is non-refundable and is retained to cover, in part, the administrative costs.

In addition, successful applicants for a September term, notified prior to May 5, must transmit to the College business office an advance pay-

ment of \$25.00 on or before May 20. Those receiving notification of acceptance after May 5 must send the \$25.00 advance payment within 15 days of the date of notification. The advance payment is credited to the students' first-semester accounts. If a successful applicant withdraws before July 1, the advance payment will be returned. No refunds will be made after July 1.

Applications are receivable at any time after the student has completed the Junior year in high school. The Dean of Admissions may make tentative reservations for applicants with exceptionally good qualifications, but the *Committee on Admissions* takes no official action until the mid-year Senior grades have been presented. It is the responsibility of the applicant to furnish an official record of all work completed after the "Application for Admission" has been presented.

### *Requirements for Admission*

Every student is asked to meet the following minimum requirements. From among those who meet these requirements, those best qualified for work at Gettysburg College are selected for matriculation.

1. Evidence of good character and acceptable social habits.
2. Graduation from and recommendation by an approved secondary school with completion of 16 Standard High School Units as follows:

<i>Required:</i>	YEARS
English .....	4
Elementary Algebra .....	1
Plane Geometry or Intermediate Algebra .....	1

#### *Recommended:*<sup>1</sup>

Natural Science .....	2
History .....	2
Foreign Language .....	2

<sup>1</sup> In addition to the general recommendations for all prospective students, the following special ones should be noted:

Those students who plan to major in either physics or chemistry should, if possible, take the optional courses in mathematics and natural science.

Students who plan to major in a foreign language should have at least two years of preparation in each of two foreign languages.

*Optional* (in addition to foregoing) :

Mathematics	maximum of	_____	2
Natural Science	“ “	_____	2
History or Social Science	“ “	_____	2
Foreign Language	“ “	_____	4
General electives (in subjects not listed above)		_____	3

- 3. Clear evidence of ability and preparation to pursue college work successfully. (See the following section, “Methods of Admission.”)
- 4. Application for admission made in approved form to the Dean of Admissions. (See “Application for Admission.”)

*Methods of Admission*

Students may be accepted upon certification by an approved secondary school, or upon submission of satisfactory scores on the examinations conducted by the College Entrance Examination Board, or by a combination of both. Applicants who rank in the upper half of their classes may be admitted without examination. The *Committee on Admissions* notifies applicants whether or not they are eligible for admission without examination after the receipt of their “Application for Admission.” The College recommends that any applicant who ranks below the upper half of his class plan to take the tests of the College Entrance Examination Board as early as possible during the Senior year of high school.

The dates set for the tests of the College Entrance Examination Board are March 14, 1953; May 16, 1953; August 12, 1953; December 5, 1953; January 9, 1954; March 13, 1954; May 22, 1954; and August 11, 1954.

The College administers its own Entrance Examinations at Gettysburg to supplement those of the College Board. These examinations are administered in January, April, May, June, July, and August, the exact date usually being set one month in advance.

The College will cooperate with high schools in recognizing Educational Development Tests and United States Armed Forces Institute Examinations for applicants whose education has been interrupted by service in the armed forces. In certain circumstances General Educational Development Tests and Veterans Administration guidance tests are acceptable substitutes for or complements to those of the College Entrance Examination Board.

### *Admission with Advanced Standing*

A student who has attended another college is eligible to transfer to Gettysburg College if he is entitled to an honorable dismissal without social or academic probation. A transfer student must present an official transcript from any or all colleges or universities attended, as well as the official "Application for Admission" form showing the high school record. Former students may transfer credits from other institutions under the same conditions granted to new students.

Transfer credits are granted for work done with a grade of C or better in approved colleges and universities if the courses taken fit the curriculum to be followed at Gettysburg. All academic credit for courses transferred is granted tentatively until the student has satisfactorily completed one year of work at Gettysburg College. All transfer students must meet the course requirements demanded of all members of the class into which they transfer.

A student admitted as a Sophomore after one year of residence at another college must complete at least *ninety* academic hours to meet the requirements for graduation. In addition, he must meet the Sophomore requirement in physical education or military science and all general requirements imposed upon all other members of the Sophomore class. A student admitted as a Junior after two years of residence at another college must complete at least *sixty* academic hours at Gettysburg College to meet the requirements for graduation and meet all general requirements imposed upon all other members of the Junior class. A student, regardless of credit grants or years of residence at another college, must complete at least *thirty* semester hours at Gettysburg and one full year of attendance to receive a degree from Gettysburg College.

All transfer students entering as Freshmen or first semester Sophomores are required to take General Education 1 and 2. All transfer students entering as second semester Sophomores or first semester Juniors are required to take General Education 2.

No credit is granted for extension courses, correspondence courses, or courses in non-accredited institutions.

### *Admission at the Beginning of the Second Semester*

A limited number of Freshmen and transfer students are admitted at the beginning of the second semester. Methods and requirements for admission are the same as for those students entering at the beginning of the regular school year in September.

### *Admission to the Summer Session*

Students who are candidates for degrees at Gettysburg College are admitted to the Summer Session under the same methods and requirements as those which apply to students entering in September.

Students who are candidates for degrees from other colleges may enter the Summer Session upon the certification of the Deans of those institutions that the applicants are *bona fide* students in the institutions and that the courses taken at Gettysburg College will be transferred if they are passed with certifying grades.

Others applying for admission to the Summer Session *only* may be accepted upon presentation of official evidence of preparation to meet the regular admissions requirements. A special admissions form is available from the Admissions Office.

### *Institutional Rating*

Gettysburg College is on the accreditation lists of the Association of Colleges and Secondary Schools of the Middle States and Maryland, the Board of Regents of the State of New York, the Department of Public Instruction of Pennsylvania, and others. It is a member of the National Committee on Accreditation.

Approval by the American Medical Association, membership in Phi Beta Kappa and in the American Chemical Society, listing in the Good Housekeeping series on small colleges, and approval by other similar organizations are additional indications of good standing.

This rating means that credits granted by Gettysburg College are accepted at face value by other colleges, universities, and graduate and professional schools.

# *Registration*

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## *The Registration System*

Gettysburg College combines Registration and Course Advisement. Students register for both semesters of the regular academic year and for both terms of the Summer Session. There is no formal registration between semesters or terms, but provision is made for course adjustment and for the registration of new students.

## *Registration of Old Students*

The Tuesday before the second-semester examinations is set aside for the Spring Registration. Students report in alphabetical order as assigned by the Registrar—Juniors in the morning, Sophomores in the afternoon, and Freshmen in the evening—for preliminary registration for the next year's courses and for final registration for the Summer Session. Each Faculty adviser sets up a series of conference hours before the Spring Registration for the convenience of his advisees.

During the summer the Registrar's Office prepares the Official Registration Forms. For those students making no course adjustments, the final registration on Wednesday and Thursday before the formal opening of the College is only a matter of receiving the Treasurer's assessment and filling in an Information Card.

## *Registration of New Students*

Freshmen entering in September make out a tentative schedule of courses through individual conference or correspondence with the Registrar during the month of August. The office then prepares the official forms and schedules, which are turned over to the students' advisers for further study. The students meet their advisers on Monday of Orientation Week to complete their registration. Any change in course may be negotiated with the adviser on Thursday afternoon.

Students with advanced standing entering in September usually work out their schedules on Monday of Orientation Week. The Registrar

evaluates advanced credits and sends copies showing credits granted and remaining requirements for graduation both to the students and to their advisers. Any necessary conferences can be arranged during the month of August.

New students entering in February and in June may work out schedules (Freshmen with the Registrar; other students with their departmental advisers) on or before the day of registration.

### *Registration for the Summer Session*

Old students register for the Summer Session at the time of the Spring Registration.

New students register the first day of the session at the time and place designated in the Summer Session *Bulletin* or Directive.

### *Registration Rules*

1. Each student must register officially, at the specified time and place, for all the courses he expects to enter. Late registration is penalized by a fine of \$5 unless excused by the *Scholastic Standing Committee*.
2. No student may receive credit for a course unless he is properly registered for that course.
3. A student who fails to complete a course for which he has registered and from which he has not officially withdrawn automatically receives an F on his permanent record.
4. A fee of \$1 is charged for any change in course made within three days after the last day of the regular registration period.
5. After the third day of the semester, a student may drop a course or add a new course only with permission from the *Scholastic Standing Committee* and upon the payment of \$5.00 for the change in schedule.
6. A student who receives an F in the first semester of a year's course may not continue that course during the second semester without the consent of the department concerned.
7. The College reserves the right to withdraw or discontinue any course for which an insufficient number of students have registered. In such an event, no fee will be charged for transfer to another course.

## *Curriculum*

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Gettysburg College believes that all students should have a broad liberal education. To attain that end the College requires certain specific courses in the Freshman and Sophomore years and makes a general requirement for distribution of subject matter to be completed before graduation. Because of this dominantly liberal purpose, all students earn the degree of Bachelor of Arts, regardless of their field of major or specialized study.

Within the limits of the distribution and concentration requirements, course building is largely an individual matter between students and their advisers. Except for Physical Education teacher training, there are no fixed curricula. Each department has, however, worked out suggested curricula to assist students in selecting courses to meet certain objectives.

### *Advisers*

When a student registers as a Freshman, he is assigned to a Freshman adviser. Before the spring registration in his Freshman year, any student who has not yet chosen his major subject should name as his temporary adviser the head of the department in which he thinks it most likely that he will be a major; that professor will serve as his adviser until the student has been accepted as a major in some department. After the student has been accepted as a major by the department of his choice, the head of that department becomes his adviser and continues as such throughout the remainder of his program of studies. The adviser is the medium of communication between the student and the Faculty and may be consulted in all matters. Each year the student must secure his adviser's approval of his study list.

### *Courses and Credits*

The amount of credit given for each course is specified in terms of *semester hours*. A *semester hour* of college work consists of one hour a week of lectures or classwork, or two or three hours of laboratory work (or laboratory work combined with classwork) a week for one semester.

The normal assumption is that the student will be expected to do at least two hours of study in preparation for each hour of classwork.

No credit for one semester of a year's course may be granted except by written approval of the department delivered to the Registrar.

### *Schedule Limitations*

The usual schedule is 15 semester hours in addition to basic Military Science or Physical Education. No student may carry fewer than 12 semester hours or more than 16 semester hours unless he has the consent of the *Scholastic Standing Committee*. A student enrolled at Gettysburg College may not carry courses concurrently at any other institution without the consent of the Faculty.

When the student has established clearly a valid reason for additional subjects, the *Scholastic Standing Committee*, of which the Dean is chairman, may allow extra hours, subject to the following restrictions:

1. A maximum of eighteen semester hours in addition to basic Military Science or Physical Education to a second-semester Freshman who has maintained a quality-point average of 2.00\* during the first semester or to a Sophomore who has maintained an average of 2.00 during his Freshman year.
2. A maximum of eighteen semester hours to Juniors or Seniors who have maintained an average of 2.00 during the preceding year or twenty-one hours to those who have a 2.50 average.
3. A maximum of eighteen semester hours in either the Junior or Senior year (not both) even though the student's average may be below 2.00.

### *Requirements for the Degree of Bachelor of Arts*

The degree of Bachelor of Arts may be conferred upon the student who completes 128 semester hours of work.

Additional hours may be required for individual students according to rules established by the Faculty. In addition to the hours required, students must earn at least as many quality points as there are hours required for their graduation. No student may be graduated with a quality-point average of less than 1.00 in his major subject.

\*See "Grading System," p. 48.

A student registered at Gettysburg College will not obtain credit for courses taken in other colleges during the summer unless such courses have first been approved by the head of the department concerned.

### *Requirements for Teacher Certification*

In addition to qualification for the degree of Bachelor of Arts, the student may qualify for certification to teach in secondary schools by completing nine semester hours of academic work beyond the minimum requirements for the degree of Bachelor of Arts, and by earning at least 9 additional quality points. Normally, good students can include these hours in their regular four-year schedule.

### *Requirements for Military Commission*

A student who has successfully completed the advanced courses in Air Science or Military Science may qualify for a reserve commission in the Armed Forces. A Military Science student honored with Distinguished Military Award may qualify for a regular or permanent commission in the Army. A student earning a commission must complete 4 semester hours beyond the minimum requirements for the Bachelor of Arts degree and earn 4 additional quality points.

### *Distribution Requirements for All Students*

SUBJECTS	SEMESTER HOURS
English A (Freshmen) .....	6
Bible 1 (Freshmen) .....	6
General Education 1 (Freshmen) .....	6
General Education 2 (Sophomores) .....	6
Senior Comprehensive Examination <sup>1</sup> .....	0
Military Science or Air Science or Physical Education —2 Years .....	8

<sup>1</sup> Every candidate for the degree of Bachelor of Arts is required to pass a comprehensive examination in his major field of study.

This comprehensive examination is intended to test the depth of the student's knowledge of the subject matter in his major field; to determine his abilities to assimilate, to analyze, and to apply the leading ideas developed in this subject; and to serve as a challenge, throughout his college course, to integrate the entire work of his chosen field of study.

Language : <sup>1</sup>		
French	} 6 semester hours above the "A" course in each of two -----	12
Spanish		
German		
Greek		
Latin		
Philosophy	} 6 semester hours in one -----	6
Pol. Sci. and Econ.		
History		
Psychology		
Sociology		
Latin Literature	} 6 semester hours in one in the original ----- (Refer to the introductions of respective departments under "Courses of Instruction" for the listing of literature courses in the original.)	6
Greek Literature		
German Literature		
French Literature		
Spanish Literature		
Science : <sup>1</sup>		
Biology 1	} 8 semester hours in each of two -----	16
Chemistry 1		
Physics 1 or 102		
Appreciation courses <sup>2</sup> -----		4
Average total for distribution -----		76-82

### *Concentration Requirements for All Students*

24 semester hours above "A" courses in a major

12 semester hours above "A" courses in a related minor<sup>3</sup>

12 semester hours above "A" courses in an unrelated minor<sup>3</sup>

<sup>1</sup> Two languages and one science or two sciences and one language are required.

<sup>2</sup> These four hours may be selected from Dramatic Arts 1a, 1b, 1c; Fine Arts 1, 2, 3; Music 1, 2, 3; and English 18.

<sup>3</sup> This is interpreted as meaning two full year courses or the equivalent if the minor is in a laboratory science.

With the consent of the major adviser, a year course or its equivalent in each of two subjects within the group to which the major belongs may be accepted as a related minor.

As early as possible each student should select his major subject. In addition, he should select two minor subjects, one related to his major field (in the same group) and one not related (not in the same group).

The subjects are arranged in three groups as follows:

GROUP 1	GROUP 2		GROUP 3
English	Bible	Physical Education	Biology
French	Economics	Political Science	Chemistry
German	Education <sup>1</sup>	Psychology	Mathematics
Greek	History	Social Science <sup>2</sup>	Physics
Latin	Music	Sociology <sup>4</sup>	
Spanish	Philosophy		

### *Required Freshman Program*

SUBJECTS	SEMESTER HOURS
General Education 1 .....	6
English A .....	6
Bible 1 .....	6
Language <sup>3</sup> .....	6
Mathematics, or Economics 1 and 2, or a Science, or a second language, or Psychology 1, or Music 7 .....	6-8
Military Science or Air Science or Physical Education .....	4
Total .....	34-36

### *Required Sophomore Program*

SUBJECTS	SEMESTER HOURS
General Education 2 .....	6
Military Science or Air Science or Physical Education .....	4
At least 2 courses selected from the following: Language, Mathematics, Science, or second Language .....	12-16

<sup>1</sup> Accepted for a minor only.

<sup>2</sup> An interdepartmental course which includes a major and a first minor within the general field of the social sciences. It is described under "Courses of Instruction."

<sup>3</sup> Science and mathematics majors may postpone language to take both a science and mathematics.

Two electives with at least one from the following :

History, Philosophy, Political Science, Psychology, Sociology .....	12
Total .....	34-38

Education courses for those who plan to teach should be included in electives.

The Sophomore course in the student's major must be included in the required subjects or in the electives.

### *Junior and Senior Program*

All required courses listed in the Freshman and Sophomore programs which have not been completed by the end of the Sophomore year must be included in the Junior program. It is recommended, in the interest of a well-balanced education, that the Junior program shall contain at least two courses each semester outside the group in which the student's major falls, and that the Senior program shall contain at least one course each semester outside the group in which the student's major falls.

Transfer students accepted as upperclassmen are subject to the same requirements as are all other students. When similar courses accepted as transfer credit can be used as substitutes for the required courses, the Registrar will notify both the students and their advisers of the official advance credit evaluation.

Transfer students accepted as first-semester Sophomores are required to take General Education courses 1 and 2. Second-semester Sophomores and first-semester Juniors are required to take General Education course 2.

### *Preparation for Graduate Study*

All students who intend to do graduate work should communicate this fact as early as possible to the heads of the departments in which they are majoring in order that they may be sure of meeting all the requirements for graduate study.

### *Cooperative Forestry Program*

Gettysburg College offers a program in forestry in cooperation with the School of Forestry of Duke University. Upon successful completion

of a five-year coordinated course of study, a student will have earned the Bachelor of Arts degree from Gettysburg College and the professional degree of Master of Forestry from the Duke School of Forestry.

A student electing to pursue this curriculum spends the first three years in attendance at Gettysburg College. Here he obtains a sound education in the humanities and other liberal arts in addition to the sciences basic to forestry. Such an education does more than prepare a student for his later professional training; it offers him an opportunity to develop friendship with students in many fields, expand his interests, broaden his perspective, and fully develop his potentialities.

The student devotes the last two years of his program to the professional forestry curriculum of his choice at the Duke School of Forestry. Since Duke University offers forestry courses only to senior and graduate students, the student from Gettysburg College will find himself associating with a mature student body. He will be well prepared for further personal and professional development.

Candidates for the forestry program should indicate to the Dean of Admissions of Gettysburg College that they wish to apply for the Liberal Arts-Forestry Curriculum. Admission to the College is granted under the same conditions as for other curricula. At the end of the first semester of the third year the College will recommend qualified students for admission to the Duke School of Forestry. Each recommendation will be accompanied by the student's application for admission and a transcript of his academic record at Gettysburg. No application need be made to the School of Forestry before that time.

More detailed information on the curriculum can be obtained from the Dean of Admissions of Gettysburg College.

### *Cooperative Engineering Program*

The faculties of Gettysburg College and the School of Engineering of The Pennsylvania State College have established jointly an educational program of five years' duration, three in liberal arts at Gettysburg College and two in engineering at The Pennsylvania State College, leading to the award of an appropriate degree from each institution. This cooperative program has been created in an effort to fulfill the following objectives:

1. To provide a student with the advantages of a general education in a liberal arts institution as well as technological education in a school of engineering, through five years of study instead of six

or more years that might be required if both degrees were obtained separately.

2. To permit a student whose aptitude for engineering may be uncertain, or whose decision between engineering and other disciplines may not yet be made, to study both arts and sciences during the first three years of college, during which time he can better determine whether his major interest and ability lie in the field of engineering.
3. To provide a student with a planned sequence of liberal arts courses which, if completed successfully, will guarantee him acceptance at an engineering school at times when student applications to such schools might exceed their capacity.
4. To permit qualified students to receive both a liberal and a technical education at relatively low cost and thus provide the Commonwealth and the nation with more critically-needed trained engineers.

The counseling, admission, and transfer of students in this 3-2 cooperative program are conducted through use of the following procedures:

1. Application for admission to the program is made to Gettysburg College and the candidate is subject to the admission requirements of that institution.
2. A student indicates his desire to follow the 3-2 program either at the time of his admission to Gettysburg or early enough in his program there to permit him to complete all courses prerequisite to the Engineering course at The Pennsylvania State College, as well as all courses required for graduation from Gettysburg College.
3. Results of aptitude and achievement tests, scholastic records, and other pertinent information will be exchanged to aid both institutions in guiding and counseling students and prospective students.
4. At the end of the second semester of the third year, a student becomes a candidate for transfer if he has successfully completed all prerequisite courses, has maintained an over-all average of "C" (a Gettysburg quality point average of 1), and is recommended for transfer by the faculty of Gettysburg College.
5. At the close of the second semester of the third year the records of all students recommended for transfer are transmitted to the Dean of Admissions of The Pennsylvania State College and these

students are automatically entered in the School of Engineering with junior standing.

6. Detailed information about the requirements for admission and the curriculum of this combined program may be obtained from the office of the Dean of Admissions of Gettysburg College.
7. An entering student planning to follow the 3-2 cooperative program is enrolled in the pre-engineering curriculum at Gettysburg College.
8. A student recommended for transfer is eligible to enter any of the following engineering curricula with junior standing :

Aeronautical Engineering	Electrical Engineering
Civil Engineering	Industrial Engineering
Sanitary Engineering	Mechanical Engineering
9. The 3-2 cooperative program does not prepare Gettysburg students for automatic transfer to any other technical curricula conducted at The Pennsylvania State College.
10. The individual courses of study in each curriculum for the work of the fourth and fifth years and the summers preceding and between them are published in the General Catalog of The Pennsylvania State College or can be obtained in duplicated form from the Dean of Admissions of Gettysburg College.

### *Parish Workers Cooperative Plan*

Gettysburg College has entered into an arrangement with the Lutheran Deaconess Motherhouse School of Baltimore, Maryland, whereby young women planning to enter the full time service of the church may receive the degree of Bachelor of Arts by attending Gettysburg College 3 years, then transferring to the Motherhouse School in Baltimore for 2 years of specialized training. It is understood that in order to be graduated, these students must meet all specific course requirements for the degree including the comprehensive examinations in their major field by the end of the 3 year period. The work completed at the Motherhouse School will be accepted as the equivalent of the final year in college.

# *Scholastic Rules and Procedures*

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## *Chapel Attendance*

Chapel services are held daily Monday through Friday at 8:50 A.M. Each student is required to attend at least three chapel services per week. Any student who fails to meet this requirement will be referred to the Committee on Discipline.

## *Class Attendance*

The student is expected to attend each class exercise unless his absence is justified by official authorization, genuine necessity, or other legitimate cause. Unnecessary absences are neither authorized nor approved.

The instructor is required to make a daily report of absences to the office of the Dean. The instructor has full authority to penalize any absence from his class. He may also cause a student to be forbidden any further absences from his class (except the most imperative) by notifying the Dean that the student should be placed on "cut probation."

The further supervision and discipline of absences are vested in a *Committee on Absences*, of which the Dean is *ex-officio* chairman. This *Committee* regards student absences as consisting of four kinds: (1) absences incurred through "authorized trips," (2) those incurred through "prolonged illness," (3) those "taken for good reason," and (4) those taken without justification.

(1) Absences incurred through "authorized trips" are certified by the Dean as excused, and are not penalized by his office. Absences thus excused include those of students traveling with recognized athletic, musical, dramatic, or forensic organizations, or as delegates to fraternal conventions; those due to family emergencies or important social obligations (such as weddings and funerals); and those made necessary by appointments with agents of the government or prospective employers. The Dean's certificate should be obtained before such trips are made; in an emergency it may be issued after the event.

(2) "Prolonged illness" is defined as medically attested illness extending over three or more days and necessitating two or more absences from the same class. The Dean's office issues a certificate excusing such absences, and imposes no penalty.

(3 and 4) If a student incurs an absence not eligible for certified excuse, and presents the Dean's office with a satisfactory explanation, the absence will be recorded

as "taken for good reason." If he presents no "good reason" the absence will stand in his record as unjustified.

(5) Lateness to class four times is regarded as one absence.

Although unnecessary absences are never approved, the student is allowed, in effect, a quota of unpenalized absences equal to the number of class meetings per week. These absences require no certification or excuse, but are expected to be used only for "good reason." Thus, the *Committee* imposes no penalties until a student's absences in any one course (excluding those due to "authorized trips" or "prolonged illness") total more than the weekly number of class meetings scheduled for that course. If it then appears that any absence has been incurred without justification, the student will be penalized for each absence in excess of the number of class meetings per week by the addition to his graduation requirement of one semester-hour's credit. When the number of absences (excluding those due to "authorized trips" and "prolonged illness") equals twice the number of class meetings per week, the student is subject to dismissal from the course with a grade of F. Upon such dismissal, other penalties incurred for absence in this course are rescinded.

Absence from one or more classes within twenty-four hours of the beginning or end of a regular holiday or vacation will be penalized by the addition of one semester-hour to the graduation requirement, unless permission for such absence has been certified in advance or serious emergency has made such absence inevitable.

### *Grading System*

GRADE	QUALITY POINTS	PERCENTAGES	DESCRIPTION
<i>A</i>	3	100-90	Excellent
<i>B</i>	2	89-80	Good
<i>C</i>	1	79-70	Fair
<i>D</i>	0	69-60	Poor, but passing
<i>F</i>	—	59- 0	Failing
<i>I</i>	—	—	Incomplete for reasons beyond student's control
<i>W</i>	—	—	Withdrew from course. No credit. Letter following <i>W</i> indicates standing at time of withdrawal.

Teachers may modify the various letter grades with plus and minus signs. These signs are placed on the permanent records and reproduced

on all transcripts, but are disregarded in all ordinary quality point computations. They are, however, used in all honors computations.

### *Quality Point System*

#### *Computations*

Quality points are allowed according to grade for each semester hour as follows:

$$A = 3, \quad B = 2, \quad C = 1, \quad D = 0$$

When a finer computation is desirable, as in determining honors, the following is official:

$$\begin{array}{llll} A+ = 3 \frac{1}{3} & B+ = 2 \frac{1}{3} & C+ = 1 \frac{1}{3} & D+ = \frac{1}{3} \\ A = 3 & B = 2 & C = 1 & D = 0 \\ A- = 2 \frac{2}{3} & B- = 1 \frac{2}{3} & C- = \frac{2}{3} & \end{array}$$

Grades *I*, *W*, and *F* are disregarded in final quality point computations. For all student-body ratings and for all individual averages issued by the Dean's Office, the grades *F* and *WF* are counted as  $-1$ .

#### *Minimum Requirements*

In general, students are considered deficient and are advised to withdraw from the College when they fail to meet the following minimum standards in the achievement of total quality points. In general, they are required to withdraw when they fall one semester behind the minimum standards given below.

At the end of first semester .....	10
At the end of second semester .....	26
At the end of third semester .....	45
At the end of fourth semester .....	64
At the end of fifth semester .....	80
At the end of sixth semester .....	96
At the end of seventh semester .....	112
At the end of eighth semester .....	128 or a total equal

to the number of hours required for graduation.

#### *Conditions and Deficiencies*

No credit is given for a subject reported as *F* or *I*. An *I* not removed by the completion of the work within one semester after the deficiency

was incurred becomes an *F*, unless the *Scholastic Standing Committee* shall, because of the student's sickness or for an equally good reason, extend the time for removing the *I*. An *F* in a course for the first semester debars a student from the course during the second semester unless the department in which the *F* is incurred consents to the student's continuance. An *F* remains on the student's permanent record card and is reproduced on all official transcripts. No student may repeat an elective course which he has failed without the consent of the Department concerned.

## *Probation*

### *Limited Probation*

If, in the judgment of a teacher, a student is endangering his scholastic standing in any course, the instructor may request the Dean to place the student on Limited Probation in the course for a period of two weeks. At the end of this period the teacher shall notify the Dean:

1. that the probation is continued,
2. that the probation is removed, or
3. that the student is dropped from the course with a grade of *F*.

At the discretion of the teacher the Limited Probation may be removed before the end of the two-week period.

### *General Probation*

A student is placed on General Probation when he fails to meet all three of the following requirements:

1. passing at least 12 semester hours of work in addition to basic Military Science or Physical Education,
2. meeting the minimum requirements of the Quality Point system,
3. showing reasonable progress toward graduation.

When a student is placed on General Probation,

1. he is ineligible to represent the College in intercollegiate activities or in any other activities entailing absence from classes, and
2. a warning note is sent to the parent or guardian, and notice is given to the student, the directors of College organizations, and the Faculty.

General Probation is effective the Monday following reports from instructors indicating that the student is failing to meet the requirements.

General Probation cannot be removed before the expiration of one week.

### *Special Probation*

When in the opinion of the *Scholastic Standing Committee* a student's scholastic record is endangered, the *Committee* may place him on special probation, giving him until the end of the semester to improve his record or withdraw from College.

### *Enforced Withdrawal*

Gettysburg College expects all students to accept the responsibilities of mature men and women at all times and to consider carefully the influence of their conduct upon other members of the College family and the community. The College reserves the right of dismissal for conduct unbecoming to a student of Gettysburg College.

### *Reinstatement*

A student dismissed from the College for *any cause* may not be reinstated except by petition to the Faculty. Such petitions will be considered on their own merits, but *in no case* will a student be readmitted during the semester immediately following the one in which the penalty was incurred. A student dismissed for misdemeanor loses all credit for work done during the semester. A student who has been reinstated and fails in scholarship a second time will be required to withdraw from the College permanently. Any reinstated student will be on general probation for one year.

# College Life

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## *Living Facilities*

*Dormitory Accommodations.* A student wishing to live in one of the College dormitories must fill out a room application form and mail it to the Dean of the College. The room application must be accompanied by a \$10 room deposit. Applications will be processed in the order of their receipt by the Dean. Women students, except those living at home, are required to room under dormitory supervision.

*Dormitory Furnishings.* Each room contains a single bed, mattress, dresser, study desk and a chair for each student. Pillows, linens, blankets, study lamps, draperies, and other accessories must be furnished by the student. Pictures and other decorations may be suspended only from the molding.

*Room Deposit.* The room deposit of \$10, submitted with the application for a room, is not an advance payment of rent. This deposit will be held by the College during the student's occupancy of a dormitory room. Upon the student's graduation, withdrawal from the dormitory, or withdrawal from College this deposit will be refunded, less any amounts charged against the occupant for damage to College property.

If an applicant for a room should withdraw his reservation prior to July 1, he will be entitled to a \$5 refund. No refunds will be made after July 1, except that the full \$10 will be refunded to an applicant for whom the College is unable to provide accommodations.

*Rooms in Fraternity and Private Houses.* In addition to living quarters in the Dormitories and Housing Units, there are rooms for many upperclassmen in their respective fraternity houses. Other upperclassmen, moreover, find it expedient to live in private homes throughout the community. Rates and furnishings in private homes are determined by the interested parties.

*Board.* The College maintains a dining room in Huber Hall, at which all women students except those living at home are required to take their meals. Each fraternity operates its own table. Men students and wives of students may arrange to take their meals at Huber Hall.

## Counseling

*Orientation Week.* During the first week of the fall term new students participate in a special program designed to help them become oriented to their new environment. Provided for the students under this program are personal conferences with advisers and counselors, lectures and discussions pertaining to college life, achievement and placement tests, social meetings with members of the Faculty, and trips to nearby points of interest. The tests provide the College with valuable information concerning the aptitudes, interests, and educational background of each new student and assist the College in its efforts to provide for him a personalized education.

*Orientation Program.* As a complement to *Orientation Week*, a series of conferences for new students is conducted during the early part of the academic year to assist them in solving the more personal problems of campus life. Small mixed groups, each directed by a selected upperclassman and guided by a faculty adviser, meet one hour a week for four weeks to consider in an informal and intimate manner the adjustment of the students to their new environment.

*Curriculum Advisement.* After the Freshmen have tentatively selected their first-year courses, the Registrar assigns them to Freshman Advisers, who assist with formal registration and, after the Orientation Week tests are finished, discuss and authorize course changes. Working under the direction of the Dean of Men, the Freshman Advisers issue grade reports to their advisees and assist them in determining their major field of study.

At the end of the Freshman year, students elect a major field and select their Sophomore courses with the assistance of the head of the department in which they intend to major.

*The Dormitory System.* Under the guidance of carefully selected and well-trained Student Counselors, the students solve their own dormitory problems. The arrangement is in no sense a system of restraints, but rather a system to put into operation the principles of cooperative living.

*Student Counseling Service.* Under the direction of the Guidance Counselor, assisted by the Dean of the College, the Chaplain, the Dean of Men, the Dean of Women, and the College Physician, a guidance service is available to assist students with educational, vocational, social, and personal problems. This work is carried on by means of personal interviews and standard psychological tests. The guidance service is provided free to all students. They may seek it voluntarily or may be referred to

it by Advisers or other faculty members. Study clinics are held from time to time as the need for them may arise.

*Veterans' Testing Service.* Gettysburg College is an official center for the Veterans' Testing Service of the United States Armed Forces Institute, popularly known as USAFI. The College administers, scores, and certifies the official forms of the General Education Development (GED) tests. No charges are made for administering these tests to Gettysburg College students. There is a charge of \$3 for the GED series of five tests administered to persons not registered in the College at the time of the testing. All requests for GED tests should be addressed to the Registrar.

### *Lectures*

*College Lecture Series.* The Board of Trustees of the College annually appropriates money to secure widely known scholars, travelers, and lecturers to speak on topics of interest to the students and to the community. Admission to these lectures is free.

*Bell Lectureship.* A fund of \$2,100 from the estate of the late Rev. Peter G. Bell, ex-'60, has been received by the College for the establishment of a Lectureship on the Claims of the Gospel Ministry on College Men. The main object of this foundation is "to keep before the students of the College the demand for men of the Christian ministry and the conditions of the age qualifying that demand."

*Stuckenberg Lectureship.* Mrs. Mary G. Stuckenberg has given a fund of \$1,000 for the establishment of a Lectureship in Sociology in honor of her late husband, J. H. W. Stuckenberg, D.D., LL.D., by the terms of which the College sponsors annually a lecture by a specialist on some phase of Sociology from the standpoint of Christian Ethics. The lecture is given at such time as is convenient to the lecturer chosen for the year.

### *Music*

*The Band* is an organization the instrumentation and training of which are directed toward creditable performance both in concert work and at athletic contests.

*The Gettysburg College Choir* is an organization of 50 young men and women recruited from the student body. Auditions are held at the beginning of each school year. Applicants are chosen on the basis of voice quality, trueness of ear, musical feeling, and general musical intelligence.

The Choir appears at special services held in the Chapel, gives periodic concerts on the campus, and makes an extended tour through the surrounding states in the spring of each year.

Service with all musical organizations sponsored by the College is recognized by suitable insignia awarded at the end of a designated period of service.

A Faculty director is provided for each of the musical organizations. He is assisted by a staff of student officers.

### *Dramatics*

The Owl and Nightingale Club aims not only to bring out the latent dramatic talent of the students in acting, scene painting, and play writing but also to provide the College and the community with good entertainment. As the dramatic workshop of the College, it produces from four to six representative new plays throughout the year. Active membership in the club is gained by performances in a certain number of plays, by staff work, or by both.

In addition, short plays, presented from time to time, provide students of the Dramatic Arts classes opportunities in direction and production. All scenery is constructed by the students under Faculty supervision.

It is expected that in the near future Brua Hall, remodeled for dramatic purposes, will be available to the group for use as a "little theatre."

### *Religious Life*

*Church Services.* Gettysburg College believes that regular church attendance is an essential part of the life of any student, especially when the student is away from the incentives and restraints of the home. Gettysburg College strongly emphasizes the importance of attending church services each Sunday. The churches of Gettysburg are eager to welcome the students of the College to their services and also sponsor special Sunday School classes for their student members.

*Chapel Services.* The College conducts for its students week-day Chapel services under the direction of the Chaplain and the Student Christian Association Cabinet. Local clergymen, the President of the College, and selected members of the Faculty are the principal speakers.

*Student Christian Association.* The Student Christian Association is a fellowship of men and women undergraduates dedicated to the development of Christian character. This organization, founded in 1867, func-

tions today through a wide variety of projects including monthly Association meetings, daily devotions, forums, lectures, discussion and study groups, publications, social service activities and conferences, and through the maintenance of its home, Weidensall Hall. The SCA welcomes into its membership all students regardless of denominational affiliation. Its administration is vested in a Cabinet under the direction of the College Chaplain, which is composed of the officers of the association and the chairmen of the standing commissions.

*Campus Vespers.* Vespers are held every Sunday evening throughout the school year at 6:30 o'clock in the Auditorium of Weidensall Hall. They are student worship services in which student speakers and choirs participate.

*Candlelight Service.* A worship service composed of sacred music, devotional reading, and silent meditation is conducted by and for the students at 10:30 o'clock on Thursday evening of each week of the school year.

Responsibility for both of these Campus services is vested in the SCA, which invites all students, whether members of the Association or not, to attend.

### *Religion-in-Life Week*

Each year near the beginning of the second semester a period of three days is set aside during which time a number of outstanding Christian leaders are brought to the campus to give lectures and conduct discussion groups on some thought-provoking religious theme. This program is known as "Religion-in-Life Week." The College considers this one of the high points of the school year—vitally important to the spiritual strengthening of every Faculty and student member of the campus.

### *Publications*

*The Alumni Bulletin*, a quarterly published by the Alumni Office, keeps alumni informed on current College events and purposes.

*The Gettysburg College Bulletin, Catalog Issue* is published in February of each year.

*The Gettysburg College Summer Session Catalog* is published in March of each year.

*The Gettysburgian*, edited by a staff of students, is published weekly during the College year and prints chiefly College and alumni news and opinions.

The *G-Book*, sponsored by the SCA and issued at the opening of each College year, gives valuable information and suggestions to incoming students.

*The Mercury*, a magazine published by the students of the College, is under the supervision of the English Department and seeks to encourage creative writing by the students.

*The Spectrum*, an annual published by the undergraduates, contains pictorial representations of the College with its various organizations, activities, surroundings, and information about students.

*The Woman's League Bulletin*, published in December of each year, is a summary of the work of the League for that year.

All the periodicals aim at improving communication between the College and its graduates, former students, and friends. These enterprises are cordially commended to the patronage of those interested in the welfare of the institution.

### *Radio Workshop*

A student radio station, WWGC, has its studio on the third floor of Breidenbaugh Science Hall and broadcasts a variety of programs regularly during the College year.

### *Debating*

There are two debating clubs, one for men and one for women. Each group engages in a number of debates each season with various colleges.

### *Speakers' Bureau*

All students registered for Advanced Public Speaking are required, and other students are invited, to become members of the Speakers' Bureau. This Bureau is a public service organization which provides speakers for various clubs and meetings in Gettysburg and adjacent communities.

### *The Student Chest*

On petition from the Campus Senate, representing the student body, the Board of Trustees adopted a system known as the Student Chest for coordinating the finances of student organizations. This system eliminates

requests and campaigns for money by student groups. The fee for this fund is included in the Comprehensive Fee. The fund is distributed under the direction of the Student Chest Committee to the various student organizations.

### *The Campus Senate*

The Campus Senate, created several years ago to replace the Student Council, consists of four members of the Faculty and one student representative from each of the active groups on the campus.

The basic functions of the Senate are to represent the student body in the formulation of school policies and to promote cooperation among the Administration, Faculty, and Students.

Besides fostering this policy, the Senate assumes responsibility for the Men's Tribunal, conducts each fall a Freshman campfire, conducts class elections, nominates candidates for the Zimmerman prize, and considers problems of the student body as a whole.

### *The Inter-Fraternity Council*

The Inter-Fraternity Council, composed of representatives from each of the fraternities on the campus, acts as the coordinating agency in fraternity affairs and activities. This group sponsors the inter-fraternity dances, advises on intramural sports, establishes rules for rushing, and conducts a general program designed to promote harmonious relations among the fraternities.

### *The Pan-Hellenic Council*

The Pan-Hellenic Council is composed of a Senior and Junior member from each of the four national sororities represented on the campus. The Council, functioning as a governing body, regulates inter-sorority relations and fosters harmony between sorority and independent women.

### *Phi Beta Kappa*

The Gettysburg chapter of Phi Beta Kappa was organized on January 11, 1923. A maximum of 10 per cent of the Senior Class may be elected to this honor society each year. Candidates for membership must show promise of both intellectual and moral leadership and must possess a broad general culture as well as a distinguished academic record.

## *Fraternities, Sororities, and Societies*

### *National Social Fraternities and Sororities*

College fraternities and sororities are dedicated to the high ideals of friendship and service. Through their activities in behalf of the individual, the group, the College, and the community, they play a vital role in campus life.

At Gettysburg there is mutual cooperation among the College, the fraternities, the sororities and the student body. The College realizes that these societies, functioning properly, aid it in achieving its objectives.

On the campus at Gettysburg are 12 fraternities—11 national and one local—and four national sororities.

Alpha Tau Omega

Alpha Xi Delta

Chi Omega

Delta Gamma

Kappa Delta Rho

Lambda Chi Alpha

Phi Delta Theta

Phi Gamma Delta

Phi Kappa Psi

Phi Kappa Rho (Local)

Phi Mu

Phi Sigma Kappa

Sigma Alpha Epsilon

Sigma Chi

Tau Kappa Epsilon

Theta Chi

### *National Honorary and Professional Fraternities and Sororities*

Alpha Kappa Alpha: a society for students of Philosophy.

Arnold Air Society: a society for superior students in the Advanced Course of Air ROTC.

Beta Beta Beta: a fraternity for students of Biology.

Delta Phi Alpha: a German language society.

Eta Sigma Phi: an undergraduate fraternity for students of the Classics.

Kappa Delta Epsilon: a professional Education sorority.

Kappa Phi Kappa: a professional undergraduate Education fraternity.

Pershing Rifles: a military society for students in the Basic Course of Army ROTC.

Phi Alpha Theta: a fraternity for majors in History.

Phi Sigma Iota: a society for students of the Romance Languages.

Pi Delta Epsilon: a journalistic society.

Pi Lambda Sigma: a fraternity for majors in Political Science and Economics.

Psi Chi: a society for students of Psychology.

Scabbard and Blade: a military society for students in the Advanced Course of Army ROTC.

Sigma Pi Sigma: a society for students of distinction in Physics.

Tau Kappa Alpha: a society for students excelling in forensics.

### *Local Honorary and Professional Clubs*

El Circulo de Español: a club fostering the study of Spanish and Spanish-American culture.

Gettysburg Honor Society: a society comprised of students excelling in scholarship and extracurricular activities who, in association with the Faculty, are dedicated to the attaining of a superior Gettysburg College.

Le Cercle Francais: a club offering an opportunity to acquire fluency in speaking French.

Pen and Sword: a society honoring Juniors and Seniors of outstanding achievement in activities or athletics.

Pre-Ministerial Association: an organization for students preparing for the ministry.

Sceptical Chymists: an organization of students in Chemistry.

Tertulia Española: a club encouraging fluency in speaking Spanish.

### *Other Organizations*

Alpha Phi Omega: a national service fraternity, composed of former Boy Scouts, pledged to develop friendship and to promote service to the College, the community, and the nation.

Booster Club: a club consisting of representatives of various campus groups originated to stimulate College spirit and athletic interest within the student body.

Gavel Club: a club designed to increase the effectiveness of the fraternities through efficient leadership.

Independent Men: an organization designed to provide for the general welfare of those men who are not members of fraternities.

Independent Women: an organization of non-sorority women designed to promote the social welfare of its members.

International Club: a club dedicated to the promotion of world peace.

Modern Book Club: a club fostering the study and critical appraisal of contemporary literature.

Outing Club: a club sponsoring those outdoor activities for which the College provides no formal program.

Women's Athletic Association: an organization sponsoring individual, group, intramural, and intercollegiate sports for women students.

## *Athletics*

### *Intercollegiate Athletics*

In order to conduct through a democratic, cooperative, and understanding agency a comprehensive athletic program for the students of Gettysburg College, the Board of Trustees of the College has authorized an Advisory Committee on Athletics to organize, promote, and administer the intercollegiate and intramural athletic programs.

The College maintains membership in the National Collegiate Athletic Association, the Eastern Collegiate Athletic Conference, and the Middle Atlantic States Collegiate Athletic Conference.

The program of intercollegiate activities for men includes football, cross-country, basketball, soccer, baseball, tennis, golf, wrestling, track, and swimming.

The program of activities for women includes field hockey and basketball.

### *Intramurals*

The intramural program is designed to afford opportunities for all students not on varsity squads to enjoy the benefits of participation in sports. Competitive teams are organized from the fraternities, sororities, and independent groups. Team awards are made for team activities; individual awards for success in individual sports. Intramural activities are conducted under the supervision of an Intramural Council, consisting of the Director of Intramurals, who is a member of the Physical Education Department; the Director of Athletics; the varsity coaches; the sports editor of the campus newspaper; the president of the Interfraternity Council; the president of the Campus Senate; one independent representative; and two student representatives from the Athletic Council.

*The Intramural Program for Men* has an extensive program of activities which includes touch football, volleyball, basketball, foul-shooting, tennis, softball, table-tennis, and swimming.

*The Intramural Program for Women* is conducted by the Director of Women's Physical Education, with the assistance of the Women's Athletic Association, and aims to maintain interest in sports and to promote good sportsmanship. The Women's Athletic Association, organized under

an Executive Committee and a sports board comprised of student managers for each sport, includes as members all women students.

Activities are organized on the basis of sororities and independents and include the following: field hockey, basketball, volleyball, softball, bowling, tennis, and table tennis.

### *Student Health Service*

In order to be informed adequately of the state of health of each new entrant as soon as he begins his College career, the College requires each applicant for admission to submit to the Dean of Admissions a medical report from his family physician on the official form provided by the College. Each student must present this health form before matriculation and an additional report for each year of attendance.

A student Health Service is maintained under the supervision of a Faculty *Health Committee* for the benefit of all students. Included as part of the service is a well-equipped Infirmary, staffed by a Medical Director and Registered Nurses. This service entitles each student to the following:

1. Periodic medical examination if recommended on the medical report submitted by the family physician.
2. Consultation and treatment by the College Physician.
3. Most necessary medications.
4. Certain diagnostic procedures, as ordered by the College Physician.
5. Infirmary care for all students. Those taking their meals in Huber Hall do not pay extra for meals while in the Infirmary, but those normally eating elsewhere pay \$2 a day.

The Health Service does not provide for treatment of chronic illnesses, nor does it provide for refraction of eyes or dental care. Consultation with an additional physician, operations, and hospitalization are at the student's expense.

### *Placement Service*

*Teacher Placement.* The College maintains a free Teacher Placement Bureau to assist Seniors and graduates in securing positions and to aid school officials in locating properly qualified teachers.

All communications should be addressed to the Director of the Teacher Placement Bureau.

*College Placement.* The College operates a general placement service for its students and alumni. The Guidance Counselor, in cooperation with

the Dean and Department Heads, arranges for the employment personnel of many business and industrial organizations to meet students for personal interviews looking forward to employment. He maintains a library on career possibilities in business and the professions.

Students who wish aid in securing placement should register with the Guidance Counselor early in their Senior year.

*Informal Placement.* The Administration and Advisers informally assist students in securing employment or placement in graduate school.

# Honors, Prizes, and Scholarships

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## Honors

The following honors are awarded at the close of each academic year :

*Valedictorian and Salutatorian.* The Senior who has the highest scholastic average for the last three years (including the Comprehensive Examination) shall be named Valedictorian, and the second highest shall be named Salutatorian. Only those Seniors are eligible who have been in attendance during their entire course.

*Final Honors.* A student who passes the Comprehensive Examination "with distinction" and whose average rating for four years is 2.90 or above on the Quality Point scale will receive his degree *summa cum laude*; if the rating is 2.60 or above, *magna cum laude*; if the rating is 2.30 or above, *cum laude*. Only those Seniors are eligible who have been in attendance during their entire course.

*Departmental Final Honors.* A student who has been recommended by his major department, who has passed the Senior Comprehensive Examinations "with distinction," who has submitted a thesis (or equivalent) satisfactory to his department, and who has a quality point average of not less than 2.75 in his major subjects during the last three years, will be awarded *Departmental Final Honors* in his major department. A transfer student entering as a Junior may win Departmental Final Honors on the basis of the work of the last two years. No student with less than two years of attendance may win this award.

*Class Honors* for Freshman, Sophomore, Junior, and Senior years. *Highest Class Honors* for the year will be awarded to those students who have maintained the grade of *A* in all their studies throughout the year. *Class Honors* for the year will be awarded to those who have maintained the grade of *A* in at least half of the work of the year and do not have a grade below *B* in any of their studies for the year.

Basic courses in the required Physical Education or Reserve Officers' Training Corps are not considered in computations for honors and prizes.

Advanced credits granted to veterans for work in United States Armed Service Schools shall be counted as residence credits in awarding all honors.

These awards are published in the Commencement Programs and the Catalog issues of the *Bulletin*.

*Dean's Scholastic Honor List.* Any student who attains a scholastic average of 2.50 in any semester is honored by the Faculty for scholastic excellence. The list of students so honored is published in the *Gettysburgian* and on the bulletin board.

### Prizes

The following prizes are offered annually for outstanding scholarship and achievement:

*Baum Mathematical Prize:* The income from \$500, contributed by Charles Baum, M.D., Ph.D., Class of 1874, of Philadelphia, is given annually to the Sophomore showing the greatest proficiency in Mathematics.

*The Charles W. Beachem Athletic Award:* The Student Christian Association presents each year, an award in the form of a cup, in memory of Charles W. Beachem, a member of the Class of 1925 and first Alumni Secretary of the College. The award, based on Christian character, scholarship, and athletic achievement, is given to a member of the Senior Class.

*Chi Omega Social Science Award:* The sum of \$25 is given by the National, Active, and Alumnae groups to the Junior or Senior girl excelling in Social Sciences. This award is sponsored by the national fraternity and given in every college which has an active Chi Omega chapter.

*Class of 1916 Prize:* The sum of \$25 is awarded to the Sophomore who has given most to the College.

*Delta Gamma Alumnae Association Award:* The sum of \$25 is given to the Junior girl who has made the greatest contribution to the College.

*Delta Phi Alpha Prize:* A valuable book on German culture is awarded to the outstanding student for the year in the German Department.

*Edwin and Leander M. Zimmerman Senior Prize:* The interest on \$1,000 is given to the Senior whose character, student influence, and scholarship have contributed most to the upbuilding of the College.

*Franklin Moore Award:* This award, the income from an endowment of \$6,500, is given annually to the member of the graduating class of Gettysburg College who through his or her four years as an undergraduate of Gettysburg College has shown the highest degree of good citizenship and who by his or her character, industry, enterprise, initiative, and personal activities has contributed the most toward campus morale and the prestige of Gettysburg College.

*Graeff English Prize:* This prize was founded by John E. Graeff, Class of 1843. The interest of a fund of \$500 is awarded for the best English essay from a member of the Senior class on an assigned subject.

*Hassler Latin Prize:* The interest from a fund of \$500, contributed by Charles W. Hassler, the interest of which is annually awarded to that student of the Junior class who, at the end of the year, shall be rated as the best Latin student.

*John Alfred Hamme Award:* Established in 1948-49 by John Alfred Hamme, York, Pa., an award of the sum of \$50 to the Junior who has demonstrated in the highest degree the qualities of loyalty, kindness, courtesy, true democracy, and leadership.

*Military Memorial Prize:* The interest from a fund of \$500, contributed by the alumni and friends of Gettysburg College, is to be awarded annually to the student who has attained the highest standing in either the first or second year of the Advanced Course as a member of the Reserve Officers' Training Corps.

*Muhlenberg Freshman Prize:* The interest of a fund of \$500 contributed by F. A. Muhlenberg, D.D., LL.D., a former professor at Gettysburg College, is given at the close of each year to that member of the Freshman class taking Latin or Greek or both who is found to have attained the highest general scholarship average.

*Nicholas Bible Prize:* The income from a fund of \$500 established by the Rev. J. C. Nicholas, D.D., Class of 1894, is annually awarded to that member of the Senior class who has done the best work in advanced courses in Biblical Literature and Religion.

*Phi Sigma Iota Prize:* The sums of \$5 and \$2.50 are given to the two members presenting the best papers to the fraternity.

*Samuel Garver Greek Prize:* The income from a fund of \$500 established by the Rev. Austin S. Garver, A.M., Class of 1869, in memory of

his father, Samuel Garver, is annually awarded to the student who has made the greatest progress in Greek during his Freshman year.

*Samuel Garver Latin Prize:* The income from a fund of \$500 established by the Rev. Austin S. Garver, A.M., Class of 1869, in memory of his father, Samuel Garver, is annually awarded to the student who has made the greatest progress in Latin during his Freshman year.

*Samuel P. Weaver Scholarship Foundation:* Established by Dr. Samuel P. Weaver, President of the Great Northwest Life Insurance Company, this foundation awards the sum of \$40 to that member of the student body who writes the best essay on an assigned topic in the field of constitutional law and government.

*Sceptical Chymists Prize:* The sum of \$10, to encourage the presentation of meritorious talks, is awarded annually by the Sceptical Chymists to the member or pledge who delivers the best speech before the Society during the year.

*Stine Chemistry Prize:* The income from a fund of \$1,000 established by Charles M. A. Stine, Ph.D., Sc.D., LL.D., Wilmington, Del., Class of 1901, is awarded annually at the end of the Senior year to a student majoring in Chemistry. The winner of the prize is determined on the basis of his Chemistry grades, laboratory techniques, personality, general improvement in four years, and proficiency in the subject at the time of his selection.

Note: Only students who have been in attendance during all of the period for which prizes are designated are eligible for the awards.

### *Scholarships and Aids for Students*

*Qualifications for a Scholarship.* In granting aid, the Committee on Scholarships is governed primarily by *character*, *need* for assistance, and *academic ability*. In addition, the Committee may consider promise of a contribution to the College through outstanding service.

Because the fundamental purpose of a scholarship at Gettysburg College is to assist worthy students who otherwise could not attend except by undue sacrifice on the part of the parents in securing a college education, the principal emphasis in a grant is on the *need* of the applicant. Some preference is given where two or more children from the same

family are attending Gettysburg College simultaneously. Under certain conditions, the children of ULCA clergymen, not receiving aid from other sources, may be granted a discount in tuition.

*Application for a scholarship.* New students may receive the Application for a Scholarship Form from the Dean of Admissions along with the Application for Admission. Preferably both applications should be presented at the same time; however, the Committee continues to consider scholarship grants until the deadline of July 1.

Students renewing applications or old students presenting applications for the first time may receive application forms from the Chairman of the Committee on Scholarships. Those applications must be returned to the Chairman not later than May 1.

#### *Conditions of a Scholarship Grant:*

1. Scholarships are awarded for one year at a time. Ordinarily they are renewable if the original conditions continue.
2. Scholarship aid is never granted to a student for more than eight semesters. There are no scholarships available during a Summer Session.
3. No student placed on probation for any reason may continue to hold a scholarship.
4. The amount granted for a scholarship is applied as a credit on the College bill.

### *Types of Scholarships*

The following sections describe the types of scholarships and other forms of aid available. All are granted under the qualifications and conditions previously explained.

#### *General College Scholarships*

The returns from an endowment and funds from other sources have been set aside to assist worthy students. New students should apply for College scholarships, for rarely can they qualify for the special conditions called for in the Endowed Scholarships. These College Scholarships are granted in various amounts according to the need of the student, but never for more than that portion of the Comprehensive Fee allocated for tuition.

*Presidential Scholars*

Each year the Committee on Scholarships selects four outstanding Freshman applicants who have made high scores on the Tests of the College Entrance Examination Board. These students are honored with the designation of "Presidential Scholars" during their four years in College. During the Freshman year each receives an honorarium in the form of a credit deposit of fifty dollars in the *College Book Store* for the purchase of books.

Because the Committee makes its selection of Presidential Scholars by mid summer, obviously those students who wish to qualify should take the Tests of the College Entrance Examination Board not later than May.

*Endowed Scholarships*

Endowed funds have been set up for the award of scholarships under the conditions described in each of the following grants:

*Bateman Scholarship:* The Rev. Sydney E. Bateman, M.D., Class of 1887, has established a scholarship fund of \$500, the income from which is awarded each year to a needy student preparing for the ministry. Applications for this scholarship must be handed to the President before June of the College year.

*Blough Scholarships:* Burton F. Blough, a former member of the Board of Trustees, established a scholarship endowment fund yielding three \$100 scholarships.

*Clarence A. and Myrtle B. Eyler Scholarship:* The interest on a fund of \$5,000 is available each year toward the payment of the tuition of a deserving student.

*Class of 1909 Fund:* A revolving loan fund amounting to about \$1,200 inaugurated by the Class of 1909 has been established for the purpose of aiding worthy students.

*The Henry W. A. Hanson Scholarship Foundation:* This award was established by the Board of Trustees of Gettysburg College in honor of Henry W. A. Hanson and in recognition of his leadership and of his distinguished service to Gettysburg College and to the cause of education in the Lutheran Church and in the nation. The recipient shall be chosen from the members of the Senior Class who expect to enter graduate school in preparation for college teaching. The applicant must have

successfully passed the Graduate Record Examination. If the Senior elected cannot accept, the next qualified candidate can be elected. If no member of the Senior Class is chosen, the Committee may select a member of a previous class. The grant is \$500 a year. No award of more than \$500 can be granted to any one student for any one year.

*Dr. Joseph B. Baker and Rena L. Baker Scholarship Fund:* The income from \$2,500 is to be given each year to a needy and deserving student in the Music Department to provide for special lessons in that department.

*Dr. John E. Meisenhelter Scholarship:* This award is the income from a bequest establishing a scholarship amounting to \$300 a year. The principal is held in the permanent Endowment Fund.

*Frank D. Baker Bequest:* The sum of \$300 annually is available through the generous bequest of Frank D. Baker to aid students in immediate need of financial assistance. This fund is to be administered by the President of the College.

*Jacob Charles and Rosa Bott Eisenhart Scholarship:* The income on a fund of \$6,500, established by the J. C. Eisenhart Wall Paper Company, is available each year toward the payment of the tuition of deserving students preparing to become Lutheran Missionaries, or who plan to attend a Lutheran Seminary.

*Jessie E. Benner (1907) and Minerva B. Benner Scholarship Fund:* The income from \$10,000 is to be used to aid worthy students financially in need. The student or students to be aided shall be preferably, but not necessarily, those studying for ministry of the Gospel.

*J. Elsie Miller Scholarship:* The income on a fund of \$5,000, bequeathed by J. Elsie Miller, is available each year toward the payment of the tuition of deserving young men preparing for the Lutheran ministry.

*Kirschner Scholarships:* Mr. and Mrs. C. J. Kirschner have established a scholarship endowment fund of \$10,000 to perpetuate the memory of their son, Alvan Ray Kirschner, who lost his life in World War I. The income is divided into two scholarships, which are awarded to students under certain conditions which give preference to those from Hazleton and vicinity. Applications for the use of these scholarships should be made directly to Mr. C. J. Kirschner, Hazleton, Pa.

*Lutheran Brotherhood Scholarship:* A scholarship established by the Lutheran Brotherhood Life Insurance Society to be presented to a Junior Lutheran student at the time of his registration as a Senior. This student must, in the opinion of the College Scholarship Committee, be outstanding in religious leadership and scholastic ability and other qualifications determined by the Committee.

*McCollough Scholarships:* Mr. and Mrs. Charles B. McCollough have established the McCollough Scholarships, a fund of \$11,750, as a memorial to their son, Charles B. McCollough, Jr. The annual income of these scholarships is awarded to two men and one woman at Gettysburg College on the bases of character, need, and ability.

*Margaret E. Fisher Memorial Fund:* Nelson E. Fisher has contributed a fund of \$5,000 in memory of his mother, Margaret E. Fisher, the interest on which is to be applied to the tuition of the athlete who excels in one or more major sports and who achieves the highest scholastic average among winners of varsity letters.

*Miller-Dewey Education Fund:* The income from a fund of \$10,000 established by the late Rev. Adam B. Miller, A.M., a member of the Class of 1873, is annually available for the purpose of aiding deserving persons in obtaining an education at Gettysburg College. The graduates of Loysville Orphans Home have the first claim on these scholarships.

*Nellie and Bernard Oller Memorial Scholarship:* The interest on a fund of \$5,000, bequeathed by Mrs. Ida R. Gray, is available each year toward the payment of the tuition of a deserving student. This scholarship is awarded under certain conditions which give preference to students from Waynesboro, Pennsylvania.

*Parent Education Society Scholarship Loans:* The Parent Education Society of the Evangelical Lutheran Church in the United States many years ago placed \$5,000 in the Endowment Funds of the College the income from which is to provide ten scholarship loans each year valued at \$20 each. These scholarship loans may be granted to one or more persons selected by a committee comprised of the President of Gettysburg College and the President of the Lutheran Theological Seminary of Gettysburg.

The person or persons selected must be bona fide students for the ministry, and meet all the requirements for recipients of scholarships. The amount granted will be used to meet the tuition cost of the student

and he will be asked to sign a promissory note which will be automatically cancelled after the recipient serves two continuous years in the ministry.

*Rufus B. Weaver Scholarship Foundation:* The interest from a fund of almost \$20,000 established by the widow of Rufus B. Weaver, a graduate of the College in 1862, is devoted to scholarships for deserving students.

*Stine Scholarships:* Charles M. A. Stine, Ph.D., Class of 1901, has established an endowment fund which makes available three \$100 scholarships known as the Milton H. Stine Scholarships. These are awarded each year to young men preparing for the Christian ministry. Dr. Stine established these scholarships in honor of his father and mother.

*Wellington Scholarship:* The interest on a fund of \$5,000, bequeathed by Senator George L. Wellington, is available each year toward the payment of the tuition of a deserving student.

#### *Loan Fund*

*Alumni Loan Scholarship Fund:* By resolution of the Alumni Council a portion of Loyalty Fund collections (in the amount of \$10,000) has been set aside as a Loyalty Student Loan Fund which is available only to members of the Senior Class. The funds so allocated may be lent to a student on his or her note, with at least one approved endorser, and shall be without interest until one year after the borrower's class graduates from Gettysburg College, and thereafter shall bear interest at the rate of six per cent per annum.

*Rothfuss Loan Scholarship:* E. Lloyd Rothfuss, M.D., Class of 1916, has established a memorial to his father and mother, Charles H. Rothfuss and Martha Huffman Rothfuss, in the form of a \$5,000 loan scholarship fund. This fund is to be administered under terms similar to those of the *Alumni Loan Scholarship Fund*.

#### *Reserve Officers' Training Corps*

Students enrolled in the Reserve Officers' Training Corps receive uniforms from the War Department during the Elementary Courses. Students enrolled in Advanced Courses of ROTC receive garrison rations plus the necessary uniforms (a total of about \$700 in two years including one six weeks' summer camp).

### *Self-Help Opportunities*

Gettysburg College is prepared to grant work opportunities to a limited number of deserving students. A work opportunity is a guarantee that there will be available enough work on the campus for the recipient to earn a sum equal to the amount granted.

If studies or illness interfere with the completion of the assigned work, the College will credit the unearned portion to the student's account as if earned.

### *Work-in-Town Opportunities*

Each year students take part-time work in the community. The College assists some students in work placement, but takes no direct responsibility.

# *Courses of Instruction*

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## *General Education Courses*

In view of the growing complexity of our civilization and our increasing awareness of individual responsibility, it has become apparent that premature specialization and the departmental isolation of students and teachers are no longer either ethically defensible or socially practicable. An education valid for our world must find its basis in an integrated understanding of man in his essential roles: as living creature in the natural universe, as inheritor of a rich and significant past, as participant in human institutions, and as discoverer (and creator) of patterns and values which give meaning to human existence. Similarly, the wise choice of a vocation and adequate training in its special techniques must be based upon an inclusive knowledge of the chief fields of human endeavor and some appreciation of the special potentialities and obligations of the various callings.

In an attempt to provide such foundations for its students, the College has established the following general courses. The first two are required of all students.

### 1. INTRODUCTION TO CONTEMPORARY CIVILIZATION

MESSRS. BLOOM, CRAPSTER, DUNKELBERGER, FORTENBAUGH, GLATFELTER, JARVIS, JOHNSON, LANGERHANS, MATHIAS, RAITH, RICHARDSON, SCHUBART, SMOKE, and TOMASSON

A general education course introducing the student to the backgrounds of contemporary social problems through the major concepts, ideals, hopes, and motivations of western culture since the Middle Ages.

*Six semester hours credit.*

Required of all Freshmen. Three hours, throughout the year.

### 2. LITERARY FOUNDATIONS OF WESTERN CULTURE

MESSRS. AHRENS, ARMS, HARTSHORNE, LINDEMAN, MASON, SHAFFER, SMITH, SUNDERMEYER, WARTHEN, and WOLFINGER; and MRS. TAYLOR

An introduction to the ideas and forms of Western thought, presented through reading and interpretation of selected classics: Homer through St. Augustine and Dante through Goethe.

*Six semester hours credit.*

Required of all Sophomores. Three hours, throughout the year.

### 3. WORLD LITERATURE SINCE 1830

MR. SUNDERMEYER

The forming of contemporary thought in literary masterpieces of East and West. Elective for Juniors and Seniors. Three hours, throughout the year.

*Six semester hours credit.*

## Departmental Courses

### Bible

(Biblical Literature and Religion)

*Professor* WALTEMYER, *Associate Professor* DUNKELBERGER, and *Instructors* CARL, SCHLACK, and McVICKER

Requirements for a major include 24 semester hours: Greek 6 and Philosophy 12 may be included. Courses 1a and 1b are prerequisite for all other courses in the department and may be counted toward a twelve-hour minor. Pre-theological students majoring in this department are required to have a minor in Greek.

#### 1a. OLD TESTAMENT HISTORY

MESSRS. CARL, DUNKELBERGER,  
McVICKER, SCHLACK, and WALTEMYER

The rise and progress of the Hebrew people with emphasis upon the religious truths which, through them, were communicated to the world in preparation for the advent of Christ.

*Three semester hours credit.*

Required of all Freshmen. Three hours, first semester.

#### 1b. LIFE OF CHRIST

MESSRS. CARL, DUNKELBERGER,  
McVICKER, SCHLACK, and WALTEMYER

The external aspects of Christ's life as it presented itself to those who witnessed it, with a view to an understanding of its eternal significance.

*Three semester hours credit.*

Required of all Freshmen. Three hours, second semester.

#### 4. CHURCH HISTORY

MR. WALTEMYER

An extension of the study of Christianity beyond its Biblical limits, as a continuous religious development from its New Testament origins to the present.

Three hours, throughout the year.

*Six semester hours credit.*

#### 5. LITERARY STUDY OF THE BIBLE

MR. DUNKELBERGER

The literary forms of the Bible as a guide to appreciation of its inward spirit.

Two hours, second semester.

*Two semester hours credit.*

Not given 1953-1954.

#### 6. EVIDENCES OF CHRISTIANITY

MR. DUNKELBERGER

The theistic evidences and the proofs of the presence and action in the world of a supernatural redemptive power as these appear in the first Christian documents, and in Christian history, dealing with the questions which arise in the effort to intellectualize the content of the Christian revelation.

Three hours, first semester.

*Three semester hours credit.*

## 8. RELIGIONS OF THE WORLD

MR. WALTEMYER

A survey of the history and content of the great religions of the world, with a view to their comparison with Christianity and to a better understanding of the peoples of our day.

*Three semester hours credit.*

Three hours, second semester.

## 10. NEW TESTAMENT HISTORY AND LITERATURE

MR. WALTEMYER

The spread of Christianity from Jerusalem, through Palestine, to Antioch, through Asia Minor to Greece and then to Rome, with emphasis on the life and writings of Paul.

*Three semester hours credit.*

Three hours, first semester.

## 12. THE HEBREW PROPHETS

MR. DUNKELBERGER

The prophets and their times, with a view to discovering the abiding principles contained in their messages. Effort is made to relate these principles to the present social order.

*Two semester hours credit.*

Two hours, second semester. Alternates with Course 15.

Not given 1953-1954.

## 13. CONTEMPORARY RELIGIOUS THOUGHT

MR. DUNKELBERGER

An examination of the ideas of the religious leaders of our times and a consideration of major religious emphases today.

*Three semester hours credit.*

Three hours, first semester. Alternates with Course 6.

Not given 1953-1954.

## 14. INTRODUCTION TO RELIGIOUS EDUCATION

MR. WALTEMYER

The principles and methods of modern religious education applicable to the Sunday School, the week-day Church School, and the Daily Vacation Bible School.

Three hours, second semester. Alternates with Course 8.

Not given 1953-1954.

*Three semester hours credit.*

## 15. PSYCHOLOGY OF RELIGION

MR. DUNKELBERGER

A survey of thought in the field of the psychology of religion as developed by William James, James Leuba, J. B. Pratt, E. D. Starbuck and a few others, together with the significant problems of religious personality and its development.

Two hours, second semester.

*Two semester hours credit.*

## Biology

*Professor* BOWEN, *Associate Professor* MESSER, *Assistant Professor* HENSLEY,  
*Instructor* GRUBE, and *Assistants*

The courses in this department are designed to provide an understanding of the basic principles of general and comparative biology. Emphasis is placed on the

following features: the cultural values of biological science; correlation of biology with sociology, psychology, and related studies; biological principles in relation to human life; fundamental training for students who plan to enter schools of medicine, dentistry, nursing, forestry, laboratory technology, or other professional biological fields.

Requirements for a major include a minimum of 32 semester hours, as approved by the adviser. A premedical major in Biology includes Biology 1, 2, 3, 4, 5, and such other courses in Biology, and in Physics, Chemistry, English, and modern foreign languages as are arranged with the adviser.

## 1. GENERAL BIOLOGY

MESSRS. GRUBE, HENSLEY, and ASSISTANTS

Basic principles of structure and function in plants and in animals, including man. *Eight semester hours credit.*

Three class hours and three laboratory hours, throughout the year.

## 2. VERTEBRATE ZOOLOGY

MR. MESSER

Detailed examination of representative vertebrates, with special emphasis upon comparative anatomy, the physiological importance of organs, and the relationships existing among the various groups of vertebrate animals.

*Four semester hours credit.*

Prerequisite: Biology 1. Three class hours and three laboratory hours, first semester.

## 3. MAMMALIAN ZOOLOGY

MR. MESSER

Detailed structure of a typical mammal and an introduction to human anatomy and physiology. *Four semester hours credit.*

Prerequisites: Biology 1 and 2. Three class hours and three laboratory hours, second semester.

## 4. EMBRYOLOGY

MR. BOWEN

Development from the germ cells to the establishment of the principal organs of the body, including both the anatomy and physiology of development.

Prerequisites: Biology 1 and 2. Three class hours and three laboratory hours, second semester. *Four semester hours credit.*

## 5. HISTOLOGY

MR. BOWEN

The microscopic structure of the fundamental tissues and principal organs of the animal body, including the techniques of preparing materials for examination.

Prerequisites: Biology 1 and 2. Three class hours and three laboratory hours, first semester. *Four semester hours credit.*

## 6. BOTANY

MR. GRUBE

A survey of plants, including their structures, physiological activities, and relations to man. Emphasis on field work. *Six semester hours credit.*

Prerequisite: Biology 1. Two class hours and three laboratory hours, throughout the years.

## 7. FIELD WORK IN BIOLOGY

The identification and distribution of plants and animals, and the mutual relations between organisms and their environment.

Prerequisite: Biology 1.

## 7A. EMPHASIS UPON ORNITHOLOGY

MR. GRUBE

Two class hours and three field or laboratory hours.

Not given 1953-1954.

*Three semester hours credit.*

## 7B. EMPHASIS UPON HERPETOLOGY

MR. HENSLEY

Two class hours and three field or laboratory hours, second semester.

*Three semester hours credit.*

## 8. GENERAL PHYSIOLOGY

MR. BOWEN

The mechanics and dynamics of living matter, with special reference to man.

Prerequisites: Biology 1 and 2. Three class hours and three laboratory hours, second semester.

*Four semester hours credit.*

## 9. BIOLOGICAL SEMINAR

STAFF

The use of scientific publications, including recent biological texts and current journals. *Four semester hours credit.*

Course offered to Junior and Senior Biology majors only. Two class hours, throughout the year.

Not given 1953-1954.

## 10. PRINCIPLES OF HEREDITY

MR. BOWEN

The fundamental principles of heredity as observed in common plants and animals, including man, and the relationships between heredity and development, physiology, and evolution. *Two semester hours credit.*

Prerequisite: Biology 1. Two class hours, first semester.

## 11. GENERAL MICROBIOLOGY

MR. BOWEN

The nature and importance of microorganisms, including yeasts, molds, bacteria, and pathogenic protozoa. *Four semester hours credit.*

Prerequisite: Biology 1. Three class hours and three laboratory hours, first semester.

## 12. ECOLOGY

MR. HENSLEY

The major natural regions of the earth, particularly North America, and the adaptations of living organisms to their environments. Emphasis on animal associations. *Two semester hours credit.*

Prerequisite: Biology 1. Two class hours, and field trips as arranged.

## 13. PROBLEMS IN BIOLOGY

STAFF

An introduction to special techniques and methods in biological investigation. Offered to Senior Biology majors who have the approval of the department for this particular course.

*Maximum credit of two semester hours each semester.*

Hours and credit as arranged.

## 14. CONSERVATION

MR. GRUBE

An introduction to the general principles of conservation including the management of forests, soils, waters, fishes, birds, and mammals, and their importance in economic and cultural life. *Two semester hours credit.*

No prerequisites. Two class hours, second semester.

Not given 1953-1954.

## 15. PREHISTORIC LIFE

MR. BOWEN

An introduction to the geologic history of plants and animals from the development of life to the beginning of historic time. *Two semester hours credit.*

No prerequisite. Two class hours, second semester.

## Chemistry

*Professor ZINN, Associate Professors SLOAT and WEILAND, and Assistants*

Requirements for a major include 1, 2a, 2b, 4 and 5. Premedical majors in Chemistry need in addition such courses in Biology, Physics, English, and modern foreign languages as are necessary to meet the requirements of the medical school of the student's choice. Other Chemistry majors will take advanced courses according to their needs and upon the advice of the head of the department.

## 1. GENERAL CHEMISTRY

MESSRS. SLOAT, WEILAND, and

ZINN, and ASSISTANTS

The occurrences, properties, uses, and methods of preparation of the more common elements and their compounds and the theoretical principles involved. Special emphasis is placed upon the scientific method of reasoning and the application of chemical principles through the solving of problems.

*Eight semester hours credit.*

Two lectures, one recitation, and three laboratory hours, throughout the year.

**2a. QUALITATIVE ANALYSIS**

MR. WEILAND

Comprehensive study of chemical equilibrium and its application to inorganic qualitative analysis. Laboratory is on a semimicro scale.

Prerequisites: Chemistry 1 and Mathematics 1 and 2. Two lectures and six laboratory hours, first semester. *Four semester hours credit.*

**2b. QUANTITATIVE ANALYSIS**

MR. WEILAND

Theory and practice of gravimetric and volumetric analysis. Familiarity with the work and principles is sought through the solution of problems.

Prerequisite: Chemistry 2a. Two lectures and six laboratory hours, second semester. *Four semester hours credit.*

**3. ADVANCED ANALYTICAL CHEMISTRY**

MR. WEILAND

Discussion and laboratory practice of gravimetric separations, volumetric and colorimetric analysis, and organic combustion methods.

Recommended to prospective graduate students and industrial chemists.

Prerequisites: Chemistry 1, 2a, and 2b. Six laboratory hours, throughout the year. *Four semester hours credit.*

**4. ORGANIC CHEMISTRY**

MR. ZINN

Systematic study of the compounds of the aliphatic and aromatic series with special emphasis upon relationships and synthesis of the more common compounds together with the study of their properties and technique of preparation in the laboratory.

Prerequisites: Chemistry 1, 2a, and 2b. Three lectures and three laboratory hours, throughout the year. *Eight semester hours credit.*

**5. PHYSICAL CHEMISTRY**

MR. SLOAT

Fundamental atomic and molecular theory, electron conception of valence, complex compounds, gases, solids, energetics, liquids, solutions, colloids, conductance, electromotive force, ionic equilibria. Chemical equilibria, physical properties of matter, and phase rule. Laboratory illustration of such of these principles as are of theoretical interest or of particular service in medical school or industrial practice.

Prerequisites: Chemistry 1, 2a, and 2b, Physics 102, and Mathematics 6. Three lectures and three laboratory hours, throughout the year.

*Eight semester hours credit.***6. SPECIAL QUANTITATIVE METHODS**

A course designed to acquaint the student with a large variety of the methods and apparatus used in the analysis of minerals, alloys, iron and steel, gases, water, carbon and nitrogen compounds, foodstuffs, and natural and artificial products by modern gravimetric, volumetric, electrometric, potentiometric, polarigraphic, colorimetric, and photometric methods.

Prerequisites: Chemistry 1, 2a, 2b, and 3.

*Hours and credit as arranged up to four semester hours.*

## 8. ADVANCED ORGANIC CHEMISTRY

MR. ZINN

Special topics in organic chemistry. Organic analysis and advanced preparations constitute the laboratory work. Recommended to prospective graduate students and industrial chemists. *Eight semester hours credit.*

Prerequisite: Chemistry 4. Two lectures and six laboratory hours, throughout the year.

## 9. TEACHER'S COURSE

MR. SLOAT

A course designed to acquaint the prospective teacher with the practical aspects of administration and conduct of an elementary course in Chemistry. It consists of three hours of practical laboratory and a one hour seminar in which the student studies and becomes familiar with such subjects as the historical background of chemistry, the use of the scientific method in teaching chemistry, the selection and evaluation of texts, the problems of the teacher, the conduct of science and photographic clubs, the study of scientific periodicals and reference books, the conduct of research, the writing of technical papers, the care of the stock room, and the ordering of chemicals. Required of prospective teachers and graduate students.

Open to Juniors and Seniors. *Four semester hours credit.*  
One lecture and three laboratory hours, throughout the year.

*Dramatic Arts**Professor ARMS*

## 1c. APPRECIATION OF THE THEATER

MR. ARMS

Current plays of the English-speaking stage discussed in detail.

One hour, throughout the year. *Two semester hours credit.*

## 2. COACHING OF AMATEUR PLAYS

MR. ARMS

Methods of directing and producing amateur plays. *Four semester hours credit.*  
Two hours, throughout the year.

*Economics and Business Administration*

*Professor STOKES, Associate Professor LARKIN, Assistant Professors BAIRD and WILLIAMS, Instructor GLATFELTER, and Assistants*

Requirements for a major include a minimum of 30 hours, including Economics 4 and 15, as approved by the adviser. Economics 3 is a prerequisite for all courses in Economics except 1, 2, and 4. With the adviser's approval, Mathematics 21 (Mathematics of Investment), Mathematics 23 (Statistics), Mathematics 25 (Costs and Depreciation), and History 5 (American Economic History), may be used as part of the course requirements for a major in Economics. All majors in Economics are required to take Political Science 1a.

**1. ECONOMIC GEOGRAPHY**

MESSRS. GLATFELTER and WILLIAMS

The location and use of the world's economic resources. The course aims to provide a background for understanding industrial, commercial, and agricultural opportunities and limitations, with emphasis on climate, topography, population, and essential resources.

*Three semester hours credit.*

Open only to Freshmen, except with special permission of department. Three hours, first semester.

**2. INDUSTRIES OF THE UNITED STATES**

MESSRS. GLATFELTER and WILLIAMS

A survey of American industries, with emphasis on the origin, nature, and development of selected industries. Attention will be focused on the geographic basis, historical evolution, and current economic position and problems.

Freshman course. Three hours, second semester. *Three semester hours credit.*

**3A. PRINCIPLES OF ECONOMICS**

A survey of the existing and changing economic order. An analysis of basic factors of production, exchange, distribution, and consumption of wealth. This course is designed to meet the requirements in economics of those who wish to be certified to teach social studies in the public schools of Pennsylvania. This course is not acceptable in partial fulfillment of the major and minor requirements of the department.

*Three semester hours credit.*

Three hours, second semester.

**3. PRINCIPLES OF ECONOMICS**

STAFF

A study of economic principles, problems, and policies with special emphasis on production, value, money, wages, interest, rent, profits, and consumption.

Sophomore course. Three hours throughout the year *Six semester hours credit.*

Required of all majors and minors in Economics. Recommended for all Political Science majors.

**4. ELEMENTARY ACCOUNTING**

MR. BAIRD

Fundamental principles of modern accounting procedure, together with underlying basic financial statements and documents.

*Six semester hours credit.*

Sophomore and Junior course. Three class hours and two practice hours, throughout the year.

**5. INTERMEDIATE ACCOUNTING**

MR. BAIRD

Analysis of advanced accounting procedures necessary to satisfy the demands of modern management, creditors, owners, potential investors, and governmental requirements.

*Six semester hours credit.*

Junior and Senior course. Prerequisite: Economics 4. Three hours, throughout the year.

**6. CORPORATION FINANCE****MR. LARKIN**

The organization and operation of corporations with special emphasis on their methods of obtaining and using capital. *Six semester hours credit.*

Prerequisite: Economics 4. Senior course. Three hours, throughout the year.

**8. MARKETING ORGANIZATION****MR. LARKIN**

Methods, middlemen, and institutions employed in moving agricultural, industrial, and consumers' goods to market. *Three semester hours credit.*

Junior course. Three hours, first semester.

**9. MARKETING PRACTICES AND POLICIES****MR. LARKIN**

Price policies, market analysis, and market management.

*Three semester hours credit.*

Prerequisite: Economics 8. Junior course. Three hours, second semester.

**10. BUSINESS LAW****MR. STOKES**

Legal rights and obligations arising out of common business transactions.

Students planning to enter a law school are advised not to take this course.

Junior and Senior course. Three hours, either semester.

*Three semester hours credit.*

**11. LABOR RELATIONS****MR. LARKIN**

Background for understanding and analyzing labor relations. Labor union history, organization, and operation; labor market analysis and employment practices; labor legislation; collective bargaining; the rights and responsibilities of employers and employees. *Three semester hours credit.*

Prerequisite: Economics 3. Three hours, first semester.

**12. PERSONNEL MANAGEMENT****MR. WILLIAMS**

Scientific labor management and personnel administration. Emphasizes the economic and social background, use of statistical tools and specialized techniques in job evaluation, merit rating, selection and training of workers, and wage determination. *Three semester hours credit.*

Prerequisite: Economics 11. Senior course. Three hours, second semester.

**13. INDUSTRIAL MANAGEMENT****MR. WILLIAMS**

An introduction to the field of industrial management with special emphasis on economic background, financing, research and engineering, etc. Plant selection, layout, production control, budgeting, purchasing, internal coordination and control. *Three semester hours credit.*

Senior course. Three hours, first semester.

**14. TRANSPORTATION****MR. LARKIN**

Development, operation, and coordination of rail, motor, and water transportation facilities and their regulation. *Three semester hours credit.*

Junior and Senior course. Three hours, second semester.

15. **ADVANCED ECONOMIC THEORY** MESSRS. STOKES and WILLIAMS  
An analysis of the forces affecting the level of economic activity, income, and employment; monetary and fiscal policy; value and distribution.  
Senior course. Required for all majors. Three hours, either semester.  
*Three semester hours credit.*
16. **MONEY AND BANKING** MR. STOKES  
A study of the nature and functions of money and credit, credit instruments, monetary standards, classes and functions of banks, commercial bank operations, the structure and operations of the Federal Reserve System, theories of money value, credit control, monetary policy. *Three semester hours credit.*  
Junior or Senior course. Three hours, second semester.
19. **ADVANCED ACCOUNTING** MR. BAIRD  
An advanced course for accounting students designed to develop a critical capacity for understanding, interpreting, and analyzing data with respect to consolidated statements, liquidations, estates and trusts, receiverships and governmental and institutional accounting. *Three semester hours credit.*  
Prerequisite: Economics 5. Three hours, first semester.
20. **FEDERAL TAXES** MR. BAIRD  
An introduction to the study of federal taxes with emphasis on the accounting and management implications of the law. The preparation of returns and the analysis of current problem material will be required. *Three semester hours credit.*  
Prerequisite: Economics 5. Three hours, second semester.
22. **HISTORY OF ECONOMIC THOUGHT** MR. WILLIAMS  
An analysis of the main contributions to economic thought from Adam Smith and his immediate predecessors to the present time. *Three semester hours credit.*  
Junior or Senior course. Offered in even numbered years.  
Prerequisite: Economics 3. Three hours, first semester.
24. **PUBLIC FINANCE** MR. STOKES  
The provision, custody, and disbursement of the resources required for the conduct of government functions, the various types of taxes and their economic effects, fiscal policy, the budget, management of the public debt. *Three semester hours credit.*  
Junior or Senior course. Three hours, first semester.  
Prerequisite: either Economics 3 or Political Science 1.
25. **INTERNATIONAL ECONOMICS** MR. STOKES  
International trade, foreign exchange, international capital movements, tariffs and restrictive trade practices, trade agreements, international monetary agencies. *Three semester hours credit.*  
Junior and Senior course. Three hours, second semester.  
Not given 1953-1954.

## Education

*Professor KRAMER, Associate Professor JOHNSON, and Instructor EDDINS*

All students intending to teach should register with the Education Department by April 15 of their Freshman year. As a guide to them, each subject-matter department has planned a suitable curriculum for its majors to follow. The following Education courses, in the sequence shown below, are recommended:

Education 1	History of Education in the United States .....	3
Education 2	Junior Combination Course .....	3
Education 5	Educational Psychology .....	3
Education 6	Introduction to High School Teaching .....	3
Education 10	Visual Education .....	3
Education 11	Student Teaching .....	6

Psychology 1, General Psychology, taken in the Sophomore year, is a prerequisite for Education 5. All students except History majors must take History 6, History of the United States and of Pennsylvania, for Pennsylvania certification.

A grade of B or better must be attained in each subject presented for certification.

### 1. HISTORY OF EDUCATION IN THE UNITED STATES MR. KRAMER

Development of education in the United States, with emphasis on Pennsylvania. Special attention is given to the qualifications of a good teacher, rating scales, a Teachers' Philosophy of Education, and professional ethics.

Sophomore course. Three hours, either semester. *Three semester hours credit.*

### 2. JUNIOR COMBINATION COURSE MR. JOHNSON

Philosophy of education; principles of secondary education and school administration; curriculum construction; guidance; child development.

Junior course. Three hours, either semester. *Three semester hours credit.*

### 5. EDUCATIONAL PSYCHOLOGY MR. JOHNSON

Application of the principles of psychology to classroom practice.

Prerequisite: Psychology 1. Junior course. Three hours, either semester.

*Three semester hours credit.*

### 6. INTRODUCTION TO HIGH SCHOOL TEACHING MR. KRAMER

High school teaching techniques and classroom management.

Junior and Senior course. Three hours, either semester.

*Three semester hours credit.*

### 10. VISUAL EDUCATION MR. JOHNSON

Improvement of teaching technique through the use of visual aids, together with a review of statistical methods, tests, and measurements.

Senior course. Three hours, either semester. *Three semester hours credit.*

Open only to students who expect to teach.

## 11. STUDENT TEACHING

MR. KRAMER

Consists of 180 hours of observation, participation, and teaching on the secondary school level. Student teaching is open only to a limited number of students, and must be arranged for in the Junior year. *Six semester hours credit.*

Prerequisite: Education 6, and approval by the heads of subject-matter departments. Senior course. Six hours as arranged, either semester.

## 14. EDUCATIONAL AND PSYCHOLOGICAL MEASUREMENTS

MR. EDDINS

A survey of tests, inventories, and other instruments and of statistical computations used in psychology and education.

Prerequisite: Psychology 1. Junior and Senior course. Three hours, first semester. *Three semester hours credit.*

## 40. PRINCIPLES OF GUIDANCE AND PERSONNEL WORK

A general introduction to basic principles of personnel administration for student counselors. *Three semester hours credit.*

Junior and Senior course. Three hours, second semester.

## *English*

(Composition, Literature, and Speech)

*Professor* WARTHEN, *Associate Professor* MASON, *Assistant Professors* BOLICH and WOLFINGER, and *Instructors* LINDEMAN, SACHS, SMITH, and TAYLOR

The requirement for a major is a minimum of 24 semester hours of English literature, including Courses 1, 2c, 4a, and 2b or 4b; 6 or 12 or 20; and 9 or 10. Majors and minors who expect to teach in the public schools should take Courses 5a and 6. English A is a prerequisite for all other courses in English.

## COMPOSITION

## A. ENGLISH COMPOSITION

MESSRS. BOLICH, LINDEMAN, SMITH,

and WOLFINGER; MISS SACHS and MRS. TAYLOR

Review of fundamentals of grammar, practice in writing, and interpretative reading. Required of all freshmen. *Six semester hours credit.*

Three hours, throughout the year.

## 16. JOURNALISM

MRS. TAYLOR

Introduction to the techniques of newspaper writing and editing.

Two hours, either semester

*Two semester hours credit.*

## 17. CREATIVE WRITING

MRS. TAYLOR

Technique of writing essays, short stories, etc. Open to all students, except Freshmen, with the approval of the instructor. *Four semester hours credit.*

Two hours, throughout the year. (Credit granted for one semester or both.)

## LITERATURE

## 1. ENGLISH LITERATURE

MR. WARTHEN

A survey of English literature from *Beowulf* to the end of the nineteenth century. Required sophomore course for English majors.

Three hours, throughout the year.

*Six semester hours credit.*

## 2a. SHAKESPEARE

MR. WARTHEN

Eighteen plays and recent critical writing about Shakespeare.

Three hours, first semester.

*Three semester hours credit.*

## 2b. ROMANTIC REVIVAL

MR. WARTHEN

Wordsworth, Coleridge, Byron, Shelley, and Keats.

Three hours, second semester.

*Three semester hours credit.*

## 3. THE ENGLISH NOVEL

MR. SMITH

Historical development of the English novel from Defoe to the twentieth century.

Three hours, throughout the year.

*Six semester hours credit.*

## 4a. CHAUCER

MR. WARTHEN

*The Canterbury Tales*, *Troilus and Criseyde*, and several shorter poems.

Three hours, first semester.

*Three semester hours credit.*

## 4b. THE EIGHTEENTH CENTURY

MR. WARTHEN

The chief poets and prose writers of the neo-classical period.

Three hours, second semester.

*Three semester hours credit.*

## 6a. AMERICAN POETRY

MR. MASON

From Bryant to Lanier; emphasis on critical interpretation.

Three hours, first semester.

*Three semester hours credit.*

## 6b. AMERICAN PROSE

MR. MASON

Selections from the eighteenth and nineteenth centuries.

Three hours, second semester.

*Three semester hours credit.*

## 9. MODERN DRAMA

MR. WOLFINGER

From Ibsen to O'Neill.

Three hours, first semester.

*Three semester hours credit.*

## 10a. ENGLISH DRAMA

MR. WOLFINGER

From the liturgical play to 1660.

Three hours, first semester.

*Three semester hours credit.*

## 10b. ENGLISH DRAMA

MR. WOLFINGER

From 1660 to the rise of the New Drama.

Three hours, second semester.

*Three semester hours credit.*

## 12. VICTORIAN POETRY

MR. MASON

Chiefly Tennyson and Browning; some attention to Arnold and the Pre-Raphaelites.

*Three semester hours credit.*

Three hours, first semester.

## 13. METHODS OF TEACHING ENGLISH

MR. BOLICH

The theory of teaching functional grammar, composition, and literature.

Junior course. Three hours, either semester.

*Two semester hours credit.*

## 14. SENIOR READING COURSE

MR. WARTHEN

Reading and discussion of selected writings, chiefly of the sixteenth and seventeenth centuries.

*Four semester hours credit.*

Two hours, throughout the year.

## 18. MODERN POETRY

MR. MASON

English and American poets of the present century.

*Four semester hours credit.*

Two hours, throughout the year. (Credit granted for one semester or both.)

## 20. MILTON

MR. MASON

Milton's poetry and selected prose.

Prerequisite: two advanced courses in English.

Senior course. Three hours, second semester

*Three semester hours credit.*

## SPEECH

## 5a. BASIC SPEECH

MR. BOLICH

Study of the fundamentals underlying good speech, and practice in speaking.

Two hours, either semester.

*Two semester hours credit.*

## 5b. ADVANCED SPEECH

MR. BOLICH

Study of the purposes and forms of oral English, and practice in extemporaneous speaking.

*Two semester hours credit.*

Prerequisite: English 5a. Two hours, second semester.

## 15. ORAL INTERPRETATION OF LITERATURE

MR. BOLICH

The principles and methods of oral interpretation, with careful consideration of phonetics, pronunciation, and enunciation.

*Two semester hours credit.*

Prerequisite: English 5a. Two hours, first semester.

## 19. PRINCIPLES OF RADIO SPEECH

MR. BOLICH

The principles of radio speaking and script writing; problems of production.

*Two semester hours credit.*

Prerequisite: English 5a. Two hours, second semester.

## *Fine Arts*

*Professors SUNDERMEYER and KRAMER, and Assistant Professor LANGERHANS*

These appreciation courses treat the principal art epochs and endeavor to show how the art of each period is the expression of its spiritual life.

### 1. ARCHITECTURE

MR. LANGERHANS

The interrelation of materials, technology, purpose, and form in architecture; history of architecture; city planning. *Two semester hours credit.*

Two hours, first semester.

### 2. PAINTING

MR. SUNDERMEYER

The history of painting, the great painters, the contribution of painting to the arts. *Two semester hours credit.*

Two hours, second semester.

### 3. ORIENTAL ART

MR. KRAMER

Chiefly Chinese, although some attention will be given to Japanese, Hindu, and Persian art. The history, traditions, and culture will form the background for studying bronzes, pottery, porcelain, jades, painting, ivories, architecture, etc. Material from museums and collections will be used.

One hour, throughout the year.

*Two semester hours credit.*

MUSIC APPRECIATION—See Music 1a.

MUSIC DRAMA—See Music 2a.

THE SYMPHONY—See Music 2b.

## *French*

(See Romance Languages)

## *German*

*Professor SUNDERMEYER, Associate Professor AHRENS, Assistant Professor LANGERHANS, and Instructor WASHINGTON*

Requirements for a major include Courses 2, 3, 6, 12, 13, and 15. The teaching minor consists of 18 semester hours and must include Courses 6, 12, and 13. Courses 14 and 15 count as six semester hours in the original provided they are taken together. Courses 2, 3, 4, 7, 10, 11, 14, and 16 may be applied in fulfillment of the literature requirement.

## GERMAN LANGUAGE

- A. ELEMENTARY GERMAN MR. SUNDERMEYER and STAFF  
 The essentials of grammar; reading of simple prose and poetry.  
 Three hours, throughout the year. *Six semester hours credit.*
1. INTERMEDIATE GERMAN MR. SUNDERMEYER and STAFF  
 Review of grammar; reading of standard German. *Six semester hours credit.*  
 Prerequisite: German A. Three hours, throughout the year.
- A-1. ELEMENTARY-INTERMEDIATE GERMAN MR. AHRENS  
 An accelerated course for those who wish to do two years' work in one year.  
 Six hours, throughout the year. *Twelve semester hours credit.*
6. COMPARATIVE PHILOLOGY MR. AHRENS  
 A general introduction to linguistic science. The first semester is devoted to the development from Indo-European to the Germanic languages, and the second semester to the development of the German language.  
 One hour, throughout the year. *Two semester hours credit.*
12. COMPOSITION MR. LANGERHANS  
 The practice of writing idiomatic German. *Two semester hours credit.*  
 One hour, throughout the year.
13. CONVERSATION MR. LANGERHANS  
 The practice of speaking German. *Four semester hours credit.*  
 Two hours, throughout the year.

## GERMAN LITERATURE AND CIVILIZATION

2. THE CLASSICAL PERIOD MR. AHRENS  
 Reading and interpretation of German Classical writers, including Lessing, Goethe, and Schiller. *Six semester hours credit.*  
 Prerequisite: German 1. Three hours, throughout the year.
3. THE 19TH CENTURY MR. WASHINGTON  
 Reading and interpretation of German writings from Heinrich von Kleist to Gerhart Hauptmann. *Six semester hours credit.*  
 Prerequisite: German 1. Three hours, throughout the year.
4. LUTHER MR. AHRENS  
 An advanced course devoted to the study of selections from Luther's German writings. *Two semester hours credit.*  
 One hour, throughout the year.

7. GERMAN SCIENTIFIC PROSE MR. WASHINGTON  
Selections of literary merit from authors in the field of the natural sciences.  
*Six semester hours credit.*  
Prerequisite: German 1. Three hours, throughout the year.
8. GERMAN SCIENTIFIC PROSE MR. WASHINGTON  
Readings adapted to individual needs of students majoring in any of the exact sciences.  
*Two semester hours credit.*  
One hour, throughout the year.
10. GOETHE'S FAUST MR. SUNDERMEYER  
Goethe's *Faust*, I and II. *Six semester hours credit.*  
Two hours and collateral reading, throughout the year.
11. CONTEMPORARY LITERATURE MR. SUNDERMEYER  
Selections from contemporary literature. *Six semester hours credit.*  
Two hours and collateral reading, throughout the year.
14. ADVANCED GERMAN PROSE MR. AHRENS  
Readings in the fields of fiction, history, and philosophy, selected to coordinate with German 15. *Four semester hours credit.*  
Two hours, throughout the year.
15. HISTORY OF GERMAN CIVILIZATION MR. AHRENS  
Lecture course in English. Open to all students. Credit given in the Departments of German and History. *Two semester hours credit.*  
One hour, throughout the year.
16. SEMINAR IN GERMAN LITERATURE MR. SUNDERMEYER  
A reading course conducted in German. *Six semester hours credit.*  
Two hours and collateral reading, throughout the year.

## Greek

Professor SHAFFER

Requirements for a major include 24 hours above the A course as approved by the adviser, and may include Philosophy 10, first semester. Courses 1, 2, 5, 6, 7, 8, 9, 10, 12, 13, and 14 may be used in fulfillment of the literature requirement in a foreign language. Students planning to do graduate work in Greek should take college Latin courses.

- A. ELEMENTARY GREEK MR. SHAFFER  
An elementary course for beginners. *Six semester hours credit.*  
Three hours, throughout the year.

## B. INTERMEDIATE GREEK

MR. SHAFFER

Selections from Xenophon and Homer. Prose composition.

*Six semester hours credit.*

Prerequisite: Greek A. Three hours, throughout the year.

## 1. HERODOTUS

MR. SHAFFER

Reading of selections, with lectures and reports on literary and historical background.

*Three semester hours credit.*

Prerequisites: Greek A and B. Three hours, first semester.

## 2. GREEK TRAGEDY

MR. SHAFFER

Selected plays with lectures and reports on the literary, religious, and philosophical background.

*Three semester hours credit.*

Prerequisites: Greek A and B. Three hours, second semester.\*

## 3. GREEK LITERATURE IN ENGLISH

MR. SHAFFER

Reading and study of selected masterpieces of Greek literature.

Knowledge of Greek not required.

*Three semester hours credit.*

Three hours, first semester.

## 4. GREEK HISTORY

MR. SHAFFER

A survey of Hellenic civilization from the earliest times to the Hellenistic age, with special emphasis on the sources.

*Three semester hours credit.*

Knowledge of Greek not required.

Three hours, second semester.

## 5. GREEK MUSIC

MR. SHAFFER

Greek musical theory and practice. Restricted to advanced students.

*Three semester hours credit.*

Prerequisites: Greek A and B, and an elementary knowledge of music.

Three hours, first semester.\*

## 6. NEW TESTAMENT

MR. SHAFFER

Readings in Hellenistic Greek, with special attention to the language of the New Testament.

*Three semester hours credit.*

Prerequisites: Greek A and B. (May be taken simultaneously with Greek B.)

Three hours, second semester.

## 7. PLATO

MR. SHAFFER

The *Apology* and *Crito*, with selections from other dialogues. A study of Socrates.*Three semester hours credit.*

Prerequisites: Greek A and B. (May be taken simultaneously with Greek B.)

Three hours, first semester.

\*To be given if needed.

8. HOMER MR. SHAFFER  
 The *Iliad* or the *Odyssey*, with lectures and reports on literary and cultural backgrounds. *Three semester hours credit.*  
 Prerequisites: Greek A and B. Three hours, second semester.\*
9. GREEK LYRIC POETRY AND PROSE COMPOSITION MR. SHAFFER  
 A survey of Greek poetic literature and a review of syntax. *Three semester hours credit.*  
 Prerequisites: Greek A and B. Three hours, second semester.\*
10. GREEK ORATORY MR. SHAFFER  
 Selected orations in Greek and the *Rhetoric* of Aristotle in English. *Three semester hours credit.*  
 Prerequisites: Greek A and B. Three hours, first semester.\*
11. THE ANCIENT HISTORY OF THE NEAR EAST MR. SHAFFER  
 Survey of the ancient civilizations of southwestern Asia and of Egypt. *Three semester hours credit.*  
 Knowledge of Greek not required.  
 Three hours, first semester.\*
12. GREEK COMEDY MR. SHAFFER  
 Selected plays in Greek and collateral readings in English. Lectures and reports on historical and literary backgrounds. *Three semester hours credit.*  
 Prerequisites: Greek A and B. Three hours, second semester.\*
13. READINGS IN GREEK PHILOSOPHY MR. SHAFFER  
 Selected texts illustrating the history of Greek philosophy will be read in the original and discussed. The course will be integrated as far as possible with Philosophy 10. *One semester hour credit.*  
 One hour, first semester.\*
14. READING COURSE IN GREEK OLD TESTAMENT MR. SHAFFER  
 Reading of selections, with special attention to the grammar and syntax of Hellenistic Greek. Lectures on historical background. *Three semester hours credit*  
 Three hours, either semester.  
 Prerequisite: Greek 6. Approval of the Department is required.

### *Health and Physical Education*

*Professor* BILHEIMER, *Associate Professor* BREAM, *Assistant Professors* BARTHOLOMEW, KENNEY, SHAINLINE, and YOVICIN, and *Instructors* GORE and LENTZ

The department offers a complete teacher training program, approved by the Pennsylvania State Council of Education, which is open to both men and women.

\*To be given if needed.

Students enrolled in the program must meet all requirements for the liberal arts degree in addition to taking all courses listed below and such other courses as may be required by the Department. Health and Physical Education majors are required to take Health and Physical Education 1 and 2.

All other students entering as Freshmen are required to take either courses 1 and 2 or Military or Air Science 1 and 2.

## METHODS AND ACTIVITIES

### 1. METHODS AND ACTIVITIES I

STAFF

Participation in a variety of individual and team activities with emphasis upon the acquisition of skills. Elementary personal hygiene, safety, first-aid, rules and regulations of games.

An additional hour of hygiene is required of women students.

Activities for men: tennis, soccer, volleyball, basketball, swimming, dancing, track and field, and golf.

Activities for women: field hockey, basketball, volleyball, swimming, archery, softball, tennis, tumbling, and dancing.

*Four semester hours credit.*

Two hours, throughout the year.

### 2. METHODS AND ACTIVITIES II

STAFF

An individualized program of activities participation, based upon ability and progress.

Activities for men: tennis, football, wrestling, apparatus, tumbling, dancing, speedball, and golf.

Activities for women: field hockey, tennis, basketball, volleyball, golf, folk dancing, and badminton.

*Four semester hours credit.*

Two hours, throughout the year.

### 3. METHODS AND ACTIVITIES III

STAFF

Methods and techniques of class organization and instruction in a variety of indoor physical education activities.

*Four semester hours credit.*

Two hours, throughout the year.

### 4. METHODS AND ACTIVITIES IV

STAFF

Methods and techniques of class organization and instruction in a variety of outdoor physical education activities.

*Four semester hours credit.*

Two-hour periods, throughout the year.

### 5. AQUATICS

MISSIS GORE and KENNEY; and Mr. SHAINLINE

Teaching methods and techniques in elementary strokes, elementary diving, life-saving, water safety.

*Two semester hours credit.*

Three hours, throughout the year.

## PHYSICAL EDUCATION

6. INTRODUCTION TO PHYSICAL EDUCATION MR. BILHEIMER  
A general overview of the field, with special emphasis upon developing an understanding and appreciation of the importance, need, and purpose of health and physical education. *Two semester hours credit.*  
One hour, throughout the year.
13. PRINCIPLES AND CURRICULUM PLANNING MR. BARTHOLOMEW  
An evaluation of principles and their application in planning a modern physical education program. *Two semester hours credit.*  
Two hours, second semester.
17. ADMINISTRATION OF HEALTH AND PHYSICAL EDUCATION MR. BILHEIMER  
The legal aspects, administrative problems, personnel relations, social interpretation, budget and finance, plant and office management. *Four semester hours credit.*  
Two hours, throughout the year.
18. ADMINISTRATION OF RECREATION AND OUTDOOR ACTIVITIES MISS KENNEY  
The theory of, and need for, play, personnel qualifications, administration, and program of activities for all age groups. Students will be afforded the opportunity for practical experience in camp administration and community recreation. *Two semester hours credit.*  
Two hours, second semester.
19. PHYSICAL EDUCATION FOR THE HANDICAPPED MISS KENNEY  
Misconceptions, causes of handicaps, specific handicaps, and the remedial program, the orthopedic examination, and administration. Students will have opportunity for practical experience. *Two semester hours credit.*  
Prerequisite: Physical Education 14.  
Two hours, first semester.
21. CARE AND PREVENTION OF INJURIES MR. BARTHOLOMEW  
The official Beginners' and Advanced Red Cross First Aid courses, with emphasis on the practical aspects of symptom recognition and safety. *One semester hour credit.*  
One two-hour period, first semester.
22. TESTS AND MEASUREMENTS IN HEALTH AND PHYSICAL EDUCATION MR. BARTHOLOMEW  
The written and practical tests in the fields of health and physical education. *Two semester hours credit.*  
Two hours, first semester.

## HEALTH EDUCATION

## 10. PERSONAL HYGIENE

MISS KENNEY

Practical aspects of the every-day life of the individual in respect to personal hygiene. Special emphasis is placed upon the acquisition of desirable attitudes toward personal health.

*Three semester hours credit.*

Three hours, first semester.

## 11. COMMUNITY HYGIENE

MISS KENNEY

The role of official and non-official community organizations in the health of the individual, from the viewpoint of administration and service. As a practical approach, conditions in the home, school, and community at large will be analyzed.

*Three semester hours credit.*

Three hours, second semester.

## 12. SCHOOL HEALTH PROBLEMS

MR. BARTHOLOMEW

The recognition and possible solution of typical health problems.

Three hours, first semester.

*Three semester hours credit.*

## 14. ANATOMY AND PHYSIOLOGY

MR. BARTHOLOMEW

A combination theoretical and practical study of human structure and function. Analysis of the effects of health and physical education activities on the body.

Three hours, throughout the year.

*Six semester hours credit.**History*

*Professor FORTENBAUGH, Assistant Professor BLOOM, and Instructor CRAPSTER*

Requirements for a major include Courses 1, 20, and 21. All majors and minors are required to take History 1 as their first course. Courses 1, 3a, 3b, 6, 10, and 11 are open to Sophomores; all other courses are upper-class courses. English majors and pre-law students are advised to take History 2.

## 1. HISTORY OF WESTERN CIVILIZATION

MR. BLOOM

A survey from pre-literary times to the present, describing the growth of social institutions.

*Six semester hours credit.*

Three hours, throughout the year.

## 2. HISTORY OF ENGLAND

MR. CRAPSTER

A survey from the Roman times to the present, emphasizing institutional and cultural developments.

*Six semester hours credit.*

Three hours, throughout the year.

## 3a. HISTORY OF THE UNITED STATES TO 1865

MESSRS. BLOOM and FORTENBAUGH

3a and 3b give a survey from the discovery and early explorations to the present. These courses will, with History 9, meet the requirements for certification to teach in the public schools of Pennsylvania. See also History 6.

Three hours, first semester.

*Three semester hours credit.*

## 3b. HISTORY OF THE UNITED STATES SINCE 1865

MESSRS. BLOOM and FORTENBAUGH

Three hours, second semester.

*Three semester hours credit.*

## 4. THE UNITED STATES, 1899-1939

MR. FORTENBAUGH

An intensive study of this important forty-year period with emphasis upon economic and social development. *Three semester hours credit.*

Prerequisite: History 3 or 6. Three hours, first semester.

## 5. AMERICAN ECONOMIC HISTORY

MR. FORTENBAUGH

A study of economic life and forces throughout the history of the United States.

Three hours, second semester.

*Three semester hours credit.*

## 6. HISTORY OF THE UNITED STATES AND OF PENNSYLVANIA

MR. BLOOM

A course for *non-history* majors which will meet the requirements for certification to teach in the public schools of Pennsylvania. *Six semester hours credit.*

Three hours, throughout the year.

## 7. AMERICAN CONSTITUTIONAL HISTORY

MR. BLOOM

Origins and development of the Constitution of the United States, considering its political theories, judicial interpretation, and institutional forms.

Prerequisite: History 3 or 6.

*Three semester hours credit.*

Three hours, first semester.

## 8. SELECTED TOPICS IN AMERICAN HISTORY

MR. BLOOM

An advanced course offering intensive study of special topics or periods.

Prerequisite: History 3 or 6.

*Three semester hours credit.*

Three hours, second semester.

## 9. HISTORY OF PENNSYLVANIA

MR. FORTENBAUGH

The Commonwealth from colonial days to the present. This course will, with History 3, meet the requirements for certification to teach in the public schools of Pennsylvania. See also History 6. *Two semester hours credit.*

Two hours, second semester.

## 10. EUROPE FROM THE RENAISSANCE TO 1789

MR. CRAPSTER

A survey of European history in the early modern period—the Renaissance, in its world setting, the Reformation, the growth of national states, the Enlightenment. *Three semester hours credit.*

Three hours, first semester.

# 11. EUROPE IN THE FRENCH REVOLUTIONARY AND NAPOLEONIC ERAS

MR. CRAPSTER

A survey of Europe from 1763 to 1789, followed by an intensive study of the political, social, economic, and intellectual developments taking place in Europe from 1789 to 1815.

*Three semester hours credit.*

Three hours, second semester.

# 12. EUROPE FROM 1815 TO 1914

MR. CRAPSTER

A survey of European history from the Congress of Vienna to the First World War.

*Three semester hours credit.*

Three hours, first semester.

# 13. EUROPE SINCE 1914

MR. CRAPSTER

A survey of recent European history in its world setting.

Three hours, second semester.

*Three semester hours credit.*

# 20. HISTORICAL METHOD

MR. FORTENBAUGH

For Junior majors and other qualified students who expect to teach history.

Three hours, first semester.

*Three semester hours credit.*

# 21. UNDERGRADUATE SEMINAR

MESSRS. BLOOM, CRAPSTER, and FORTENBAUGH

Practice in the criticism and exploitation of historical sources. For Junior or Senior majors.

*Two semester hours credit.*

Prerequisite: History 20. Two hours, to be arranged, second semester.

## Latin

Professor GLENN

Requirements for a major include Courses 1, 2, 3, 4, 10, 11, 13, and two courses from 5, 6, 7, and 8. Courses 1, 2, 3, 4, 6, 7, and 8 may be applied in fulfillment of the literature requirement in the original. Students planning to do graduate work in Latin should take college Greek courses.

# B-C. VERGIL

MR. GLENN

Selections from the *Aeneid*.

*Six semester hours credit.*

Prerequisites: Two years of secondary school Latin. Three hours, throughout the year.

# 1. ROMAN PROSE AND POETRY

MR. GLENN

Selections from Livy, Catullus, and other authors.

*Three semester hours credit.*

Prerequisites: Four years of secondary school Latin, or Latin B-C. Three hours, first semester.

## 2. HORACE

MR. GLENN

Selections from the *Odes*, *Epodes*, *Satires*.  
Three hours, second semester.

*Three semester hours credit.*

## 3. CICERO'S LETTERS

MR. GLENN

Life and literature in Cicero's time.  
Three hours, first semester.

*Three semester hours credit.*

## 4. ROMAN COMEDY

MR. GLENN

Selections from Plautus and Terence. Survey of the Roman Theatre; origin and development of Roman drama.  
Three hours, second semester.

*Three semester hours credit.*

## 5. ROMAN LAW

MR. GLENN

Development and content of Roman Private Law. A knowledge of Latin is not required.  
Alternates with Course 7. Two hours, first semester.  
Not given 1953-1954.

*Two semester hours credit.*

## 6. ROMAN PHILOSOPHY

MR. GLENN

Lucretius, *On the Nature of Things*.  
Alternates with Course 8. Two hours, second semester.  
Not given 1953-1954.

*Two semester hours credit.*

## 7. MEDIEVAL LATIN

MR. GLENN

Selections representing history, anecdote, the epistle, the drama, the essay, the dialogue, the novel, and epic, lyric, pastoral, didactic, and satiric verse, and introducing the literature written in the universal language of the ecclesiastical and learned European world, ranging from the fifth century to the seventeenth century.  
Alternates with Course 5. Two hours, first semester.

*Two semester hours credit.*

## 8. ROMAN ELEGY

MR. GLENN

Selections from Catullus, Tibullus, Propertius, and Ovid. Seminar methods, with practice in original research.  
Alternates with Course 6. Two hours, second semester.

*Two semester hours credit.*

## 10. LATIN LITERATURE IN ENGLISH

MR. GLENN

A historical and critical survey of Roman Literature with a more intensive study of selected works. Attention is given to the relation of Roman Literature to other literatures. A knowledge of Latin is not required.  
Three hours, second semester.

*Three semester hours credit.*

## 11. ROMAN HISTORY AND CIVILIZATION

MR. GLENN

The history of the Republic and the Empire, supplemented by a brief study of various topics, such as Roman art, science, religion, political institutions, private life, etc., and their influence on modern life. A knowledge of Latin is not required.

*Three semester hours credit.*

Three hours, first semester.

## 13. LATIN PROSE COMPOSITION

MR. GLENN

One hour, throughout the year.

*Two semester hours credit.*

## 15. WORD-BUILDING

MR. GLENN

A course designed to aid pre-medical students and those of other sciences who desire to become familiar with scientific terminology and roots. A study is made of repeatedly used prefixes, endings, and key words from which scientific terms are compounded. The knowledge of Latin, while very useful, is not required of those who take the course.

*Two semester hours credit.*

One hour, throughout the year.

## *Mathematics*

*Professor ARMS, Associate Professor ZIEGLER, and Assistant Professor MAFFETT*

Requirements for a major include Mathematics 6, and six semester hours chosen from Courses 8, 9, 10, and 14. With adviser's approval, Mathematics 21, Mathematics of Investment, Mathematics 23, Statistics, and Mathematics 25, Costs and Depreciation, may be used as part of the course requirements for a major in Economics.

## 1a. COLLEGE ALGEBRA

MESSRS. MAFFETT and ZIEGLER

A review of elementary algebra, the elementary theory of equations, complex numbers, the binomial theorem.

*Three semester hours credit.*

Prerequisite: one unit of Algebra. Three hours, first semester.

## 1b. PLANE TRIGONOMETRY

MESSRS. MAFFETT and ZIEGLER

Definitions and properties of the trigonometric functions; solutions of triangles.

*Three semester hours credit.*

Prerequisites: one unit of algebra and one unit of geometry. Three hours, second semester.

## 2. ELEMENTARY ANALYSIS

MESSRS. MAFFETT and ZIEGLER

A review of advanced algebra, trigonometry, plane analytical geometry, and an introduction to calculus.

*Six semester hours credit.*

Prerequisite: three units in mathematics including trigonometry. Three hours, throughout the year.

## 5. ANALYTIC GEOMETRY

MR. ZIEGLER

Plane and solid analytic geometry, and an introduction to calculus.

*Six semester hours credit.*

Prerequisites: Mathematics 1a and 1b, or the equivalent. Three hours, throughout the year.

## 6. DIFFERENTIAL AND INTEGRAL CALCULUS

MR. ARMS

The fundamental formulae of differentiation and integration, with applications.

*Six semester hours credit.*

Prerequisite: Mathematics 2 or 5. Three hours, throughout the year.

## 8. MODERN GEOMETRY

MESSRS. MAFFETT and ZIEGLER

Prerequisite: Mathematics 6. Qualified students may register for one or more of the following with the approval of the Mathematics Adviser:

## 8A. COLLEGE GEOMETRY (SYNTHETIC)

Two hours, throughout the year.

*Four semester hours credit.*

## 8B. ANALYTICAL GEOMETRY OF SPACE

Two hours, throughout the year.

*Four semester hours credit.*

## 8C. PROJECTIVE GEOMETRY (SYNTHETIC)

Two hours, throughout the year.

*Four semester hours credit.*

## 9. MODERN ANALYSIS

MESSRS. ARMS and MAFFETT

Prerequisite: Mathematics 6. Qualified students may register for one or more of the following with the approval of the Mathematics Adviser.

## 9A. DIFFERENTIAL EQUATIONS

Two hours, throughout the year.

*Four semester hours credit.*

## 9B. HIGHER CALCULUS

Two hours, throughout the year.

*Four semester hours credit.*

## 9C. THEORY OF FUNCTIONS OF A COMPLEX VARIABLE

Two hours, throughout the year.

*Four semester hours credit.*

## 10. METHODS OF TEACHING

MR. ZIEGLER

Methods of teaching high school mathematics supplemented with practice teaching and observation.

*Four semester hours credit.*

Three periods, throughout the year.

## 14. READING COURSE

MR. MAFFETT

Supervised reading in pure and applied mathematics for Junior and Senior majors. Conference hours and *semester hours credit* as arranged.

21. MATHEMATICS OF INVESTMENT MR. ZIEGLER  
Compound interest as applied to annuities, life insurance, and depreciation.  
*Three semester hours credit.*  
Prerequisite: Mathematics 1a. Three hours, first semester.
23. STATISTICS MR. ZIEGLER  
A first course: mean, mode, median, correlation and index numbers.  
*Three semester hours credit.*  
Prerequisite: Mathematics 1a. Three hours, second semester.
5. COSTS AND DEPRECIATION MR. ARMS  
An introduction to cost accounting. *Six semester hours credit.*  
Prerequisite: Economics 4. Three hours, throughout the year.

### *Music*

*Professors* WAGNILD and SHAFFER, *Lecturers* ACKLEY and HARNER, and *Private Music Teachers* BARRIGA, BUDDÉ, HEIKKINEN, and SPRINGER

Requirements for a major shall be a minimum of 24 hours, and shall include Music 6, 7, 8, 12, and a total of 4 hours from Music 9, 10, 14, and 16.

Requirements in applied music are as follows: (1) 2 years' participation in an authorized group organization, and 2 years of private instruction in voice, piano, organ or instrument authorized by the department.\* (2) Presentation of a recital in the Junior or Senior year.\*

A musical aptitude test shall be required of the student before he is accepted as a Music Major.

Individual instruction in voice, piano, and organ under the supervision of the department is offered by appointment.

1. APPRECIATION OF MUSIC MR. SHAFFER  
The principal musical forms against the background of the other arts.  
Two hours, first semester. *Two semester hours credit.*
2. APPRECIATION OF MUSIC DRAMA MR. SHAFFER  
A review of the history of opera and analyses of examples as drama and as music.  
Two hours, second semester. *Two semester hours credit.*
3. APPRECIATION OF THE SYMPHONY MR. SHAFFER  
Historical backgrounds and analyses of symphonic forms.  
*Two semester hours credit.*

\*Notes: (1) A thesis or additional private study may be substituted for group participation at the discretion of the Department. (2) In special cases a student may be asked to take a standard proficiency test instead of presenting a recital.

## 6. HISTORY OF MUSIC

MR. ACKLEY

A survey of the development of musical art from ancient to modern times.

*Six semester hours credit.*

Three hours, throughout the year.

## 7a. HARMONY

MR. WAGNILD

Scale and chord structure, chord relationship, non-chordal tones, and analyses.

Three hours, first semester.

*Three semester hours credit.*

## 7b. HARMONY

MR. WAGNILD

Diatonic chords with various bytones, harmonization or original melodies, simple modulation. Aural approach to harmonic effects. *Three semester hours credit.*

Three hours, second semester.

## 8a. ADVANCED HARMONY

MR. WAGNILD

Chromatic harmony, modulation, creative work, analyses.

Two hours, first semester.

*Two semester hours credit.*

## 8b. ADVANCED HARMONY

MR. WAGNILD

Continuation of 8a. Special emphasis on modulation and use of chromatic alterations of diatonic chords in harmonizing melodies. Creative work.

Two hours, second semester.

*Two semester hours credit.*

## 9a. KEYBOARD HARMONY

MR. WAGNILD

Harmonic material applicable to the piano. Chord successions using all the diatonic harmonies, their inversions, and the simpler altered chords and modulations. *Two semester hours credit.*

Prerequisites: Harmony 7a and 7b. Two hours, first semester.

## 9b. KEYBOARD HARMONY

MR. WAGNILD

Continuation of 9a. Practical application of chromatic harmony and modulation. Creative work. *Two semester hours credit.*

Two hours, second semester.

## 10a. b. SIGHT-SINGING AND DICTATION

MR. ACKLEY

The singing and writing of diatonic intervals, triads, rhythmic patterns and melodies. *Four semester hours credit.*

Two hours, throughout the year.

## 11a. b. ADVANCED SIGHT-SINGING AND DICTATION

MR. ACKLEY

The development of musical memory and the writing and singing of difficult rhythmic patterns, intervals, and melodic phrases; aural and visual analysis of harmonic structures. *Four semester hours credit.*

Two hours, throughout the year.

## 12. MUSICAL FORM AND ANALYSIS

MR. ACKLEY

A study of the motive, phrase, period, and analysis of the construction of these, along with binary and ternary forms of composition, the invention, fugue, sonata and symphony.

*Four semester hours credit.*

Two hours, throughout the year.

Prerequisite: Music 7a, 7b.

## 14. CHORAL CONDUCTING

MR. WAGNILD

Technique of the baton, fundamentals of choral interpretation, problems of organization and maintenance of groups, survey of suitable materials in the choral field, and program building.

*Four semester hours credit.*

Two hours, throughout the year.

## 16. INSTRUMENTAL CONDUCTING

MESSRS. HARNER and WAGNILD

Practical training in instrumental score reading and conducting. Class work in conjunction with Music 14.

*Four semester hours credit.*

Two hours, throughout the year.

## APPLIED MUSIC

The Music Department offers instruction in voice, piano, pipe organ, and the more common instruments. One semester hour credit is given for one half-hour private lesson per week.

The Department also sponsors various musical organizations, including the choir and the band. All regular students are eligible to try out for any of these. Auditions are held at the beginning of the school year, or at other times by appointment.

One semester hour credit is given per semester for membership in the choir or band upon the student's completion of four hours of course instruction in the Music Department exclusive of Music 1, 2, and 3.

No student may offer more than eight semester hours of applied music towards a degree.

## 31. VOICE

*Semester fee \$30*

Training in fundamentals of voice culture with emphasis upon breath control, resonance, tone quality, diction, pronunciation, and an appreciation of the best works of the masters.

*One semester hour credit.*

One half hour lesson per week. Either or both semesters.

## 33. PIANO

*Semester fee \$30*

Development of touch, technique, rhythm, expression and interpretation. Repertoire adapted to ability of the student.

*One semester hour credit.*

One half hour lesson per week. Either or both semesters.

## 35. PIPE ORGAN

*Semester fee \$45*

Acquisition of technique and independence in playing upon the manuals and pedals. Repertoire adapted to ability of the student.

*One semester hour credit.*

Prerequisite: Satisfactory piano technique.

One full hour lesson per week. Either or both semesters.

**37. INSTRUMENTAL INSTRUCTION***Semester fee \$30*

Available in most common instruments. Repertoire adapted to ability of the student. *One semester hour credit.*

One half hour lesson per week. Either or both semesters.

**50. CHOIR**

The choir is composed of approximately fifty-five singers of both sexes chosen by audition. The best of choral literature is studied intensively. In addition to appearances in nearby cities, a ten day concert tour is taken each spring.

Five rehearsals weekly.

*One semester hour credit.***55. BAND**

Membership in the band, which is open to men and women alike, depends entirely on the individual's musical ability and interest. The band plays at athletic events, and during the second semester gives concerts on the campus and in nearby cities.

*One semester hour credit.*

Three rehearsals weekly.

## *Philosophy*

*Professor RICHARDSON and Assistant Professors LANGERHANS and SCHUBART*

Requirements for a major are 27 hours, including courses 1a, 3, 4a and 4b, 10, 20, and such additional courses as may be approved by the adviser. Greek 7 and Bible 13 may be included with permission of the adviser. Course 1a or 3 or 4 is prerequisite for any other course in the department.

**1. INTRODUCTION TO PHILOSOPHY***MR. RICHARDSON***1a. APPROACHES TO PHILOSOPHY**

The main approaches to philosophy: scientific, asthetic, ethical, and religious. Their assumptions, methods, and results will be analyzed with a view to giving the student both the tools and the motive for building his own philosophy of life. Credit for this course may be obtained as a unit. *Three semester hours credit.*  
Three hours, first semester.

**1b. CONTEMPORARY WORLD PHILOSOPHIES**

An attempt to familiarize the non-specializing student with the major philosophies which are bidding for his allegiance today. Such men as Marx, Kierkegaard, Nietzsche, Sartre, Hutchins, Maritain, A. Huxley, Santayana, Dewey, Russell, Bergson, and Whitehead will be studied. *Three semester hours credit.*  
Prerequisite: Philosophy 1a. Three hours, second semester.

**3. LOGIC***MR. SCHUBART*

The principles of clarity in language and structure in thought, and their application. *Three semester hours credit.*

Three hours, second semester.

## 4. ETHICS

MR. SCHUBART

## 4a. HISTORY OF ETHICS

A historical study of the most significant philosophies of ethics from the Greeks to the present.

*Three semester hours credit.*

Three hours, first semester.

## 4b. PRINCIPLES OF ETHICS

An analysis of the principles of ethics, such as value, obligation, and law, and their application to individual and social problems.

Three hours, second semester.

*Three semester hours credit.*

## 8. POLITICAL IDEALS IN CONFLICT

MR. SCHUBART

Consideration of contemporary political philosophies, their basic principles, and their points of difference. Special attention will be given to the problems confronting democracy.

*Three semester hours credit.*

Three hours, first semester.

## 10. HISTORY OF PHILOSOPHY

MR. RICHARDSON

The development of thought concerning man and his place in the universe from the Greeks to the eighteenth century.

*Six semester hours credit.*

Three hours, throughout the year.

## 12. PHILOSOPHY OF RELIGION

MR. RICHARDSON

A historical and systematic study of our present religious beliefs.

Three hours, first semester.

*Three semester hours credit.*

## 15. RECENT EUROPEAN PHILOSOPHY

MR. SCHUBART

Struggles of idealism and empiricism in European philosophical thought since Kant.

*Three semester hours credit.*

Three hours, first semester.

Not given 1953-1954.

## 18. THE PHILOSOPHY OF SCIENCE

MR. RICHARDSON

An historical survey of the world-pictures which have been offered by Greek, Renaissance, and contemporary science; and an analysis of the relations between science and ethical, aesthetic, and religious values.

*Three semester hours credit.*

No prerequisite. Three hours, second semester.

## 17. INFLUENTIAL CRITICISM

MR. SCHUBART

The "climates of opinion" of the eighteenth, nineteenth, and twentieth centuries.

Three hours, second semester.

*Three semester hours credit.*

## 19. PHILOSOPHY OF HISTORY

MR. LANGERHANS

The religious background of the concept of history as developed in the western world: the apocalyptic image of history; millennial ideas and their secularized derivatives in modern utopias; the "City of God"; the Protestant return to apocalyptic literature; the concepts of progress and world revolution.

Two hours, second semester.

*Two semester hours credit.*

## 20. SENIOR SEMINAR

MR. RICHARDSON

An advanced seminar for philosophy majors, in which one contemporary problem will be studied, and solutions suggested from the varying points of view of major philosophical thinkers.

Three hours, second semester.

*Three semester hours credit.*

## Physics

*Professor MILLER, Assistant Professor GREEN, and Instructor CARR*

Requirements for a major include Courses 102, 2, 7, and such courses in Mathematics and Chemistry as are arranged with the adviser.

## 1. GENERAL PHYSICS

MESSRS. CARR and GREEN, and ASSISTANTS

Mechanics, Heat, Sound, Magnetism, Electricity, and Light. This course is designed to acquaint the student with the fundamental phenomena, principles, and laws of physics and their applications. It includes recitations, lectures with demonstrations, and laboratory work. Emphasis is placed upon applications not requiring involved mathematical analysis. For students not majoring in science.

*Eight semester hours credit.*

Prerequisite: College Entrance Algebra. Three class hours and three laboratory hours, throughout the year.

## 102. GENERAL PHYSICS

MR. MILLER

This course covers the same subject matter as Physics 1 but with emphasis upon the applications which are of major importance in advanced science. Mathematical analysis is stressed throughout. For students majoring in science.

*Eight semester hours credit.*

Prerequisites: Mathematics 1a and 1b. Three class hours and three laboratory hours throughout the year.

## 2. MECHANICS

MR. MILLER

The fundamental principles of mechanics which are basic to advanced courses in Mathematics and Chemistry; course to be arranged with the adviser.

*Six semester hours credit.*

Prerequisites: Physics 102 and Mathematics 6. Three hours, throughout the year.

**5a. ELECTRODYNAMICS****MR. GREEN**

Electrostatics, magnetostatics, electromagnetism, direct and alternating circuit analysis, and thermionic emission. *Three semester hours credit.*

Prerequisites: Physics 102 and Mathematics 6. Three class hours, first semester.

**6b. ELECTRONICS****MR. GREEN**

The principles of operation of electronic tubes and circuits with applications to radio, radar, and nuclear physics equipment. *Four semester hours credit.*

Prerequisite: Physics 5a. Three class hours and three laboratory hours, second semester.

**7. MODERN PHYSICS****MR. MILLER**

Theory of atomic and nuclear structure, transmutation, and atomic energy.

*Six semester hours credit.*

Prerequisites: Physics 102 and Mathematics 6. Three class hours, throughout the year.

**9. THEORETICAL PHYSICS****MR. GREEN**

Advanced dynamics and vector analysis, with a simplified introduction to the elements and basic nature of Maxwell's electromagnetic wave theory, relativity mechanics, and quantum mechanics. *Three semester hours credit.*

Prerequisites: Physics 8, with Mathematics 9b and 9c recommended. Three class hours, second semester.

**10. ADVANCED LABORATORY PHYSICS****MESSRS. GREEN and MILLER**

Individual experiments or projects in optics, spectroscopy, electronics, electrodynamics, mechanics, thermodynamics, or nuclear physics.

Prerequisite: Physics 3. Hours as arranged. *Semester hours credit as arranged.*

**11a. DESCRIPTIVE METEOROLOGY****MR. CARR**

A fundamental descriptive course in everyday weather phenomena.

*Two semester hours credit.*

Elective for all students. No prerequisites.

Two hours, first semester.

**12b. DESCRIPTIVE ASTRONOMY****MR. MILLER**

General and descriptive astronomy.

*Two semester hours credit.*

No prerequisite. Two class hours, second semester.

**13. THERMODYNAMICS****MR. MILLER**

A treatment of the two laws of thermodynamics and their applications.

*Three semester hours credit.*

Prerequisites: Physics 102 and Mathematics 6. Three class hours, first semester.

**15. GEOMETRICAL AND PHYSICAL OPTICS**

MR. MILLER

An advanced course, treating the subjects of reflection, refraction, prisms, lenses, diffraction and interference, dispersive and resolving power, ruled gratings, spectroscopes, and spectrographs.

*Six semester hours credit.*

Prerequisites: Physics 102 and Mathematics 6. Three class hours, throughout the year.

*Political Science*

*Professor STOKES, Assistant Professor JARVIS, and Instructors GLATFELTER and RAITH*

Requirements for a major include 24 semester hours. Political Science 1a and 1b are prerequisites for all other courses in the Department. With the adviser's approval, Philosophy 8 may be included in a Political Science major. All majors are required to take Economics 3A or 3.

**1a. AMERICAN GOVERNMENT**

STAFF

A study of the American political system on the national level. Sophomore course.

*Three semester hours credit.*

Three hours, first semester.

Note: Students who require only three credits in Political Science may take 1a.

**1b. STATE AND LOCAL GOVERNMENT**

STAFF

A study of American government on the state and local level. Sophomore course.

*Three semester hours credit.*

Three hours, second semester.

**3. EUROPEAN GOVERNMENTS**

MR. JARVIS

A comparative analysis of the basic principles which govern the organization and operation of the principal governments of the world. Executive, legislative, judicial and party controls over government; controls to achieve administrative ends; administrative sanction and procedure.

*Three semester hours credit.*

Sophomore and Junior course. Three hours, first semester.

**4. CONSTITUTIONAL LAW**

MR. RAITH

Analysis of the federal Constitution as an instrument of conferring and restraining governmental power. Philosophical and political aspects of the judicial process probed by the case method treatment of Supreme Court decisions.

Supplementary readings required. Senior course. Three hours, first semester.

*Three semester hours credit.***5. INTERNATIONAL LAW**

MR. JARVIS

Principles of law generally recognized by modern states, including the legal relations of states and individuals, treaty making and diplomacy, and those decisions of American and foreign municipal courts which bear upon the subject. Current developments in the United Nations are discussed.

*Three semester hours credit.*

Prerequisites: Political Science 1, 3, and 9. Senior course. Three hours, second semester.

## 6. BUSINESS AND GOVERNMENT

MR. JARVIS

The shaping of public policy towards business as reflected in legislation and judicial decisions, with particular emphasis on the regulation of competition and monopoly. The problem of state intervention in areas of corporate development and individual freedom.

*Three semester hours credit.*

Prerequisites: Economics 3, Political Science 1. Junior course. Three hours, second semester.

## 8. POLITICAL PARTIES

MR. JARVIS

The role of the political party as an instrument for effectuating the public will. The influence of pressure groups in the formation of public policy. Electoral behavior and American party organization are examined in the context of current political questions.

*Three semester hours credit.*

Junior course. Three hours, first semester.

## 9. INTERNATIONAL RELATIONS

MR. RATH

National policies of the major world powers in the post-war world against the background of geographic, economic, demographic, and strategic influences, with special emphasis placed on the role of the United States in international relations. Required student reports on current world developments.

Junior course. Three hours, first semester.

*Three semester hours credit.*

## 11. AMERICAN POLITICAL THOUGHT

MR. JARVIS

A survey of American political philosophy from colonial times to the present, as expressed in the writings, speeches, and activities of leading personalities in American politics.

*Three semester hours credit.*

Junior and Senior course. Three hours, second semester.

## 12. PUBLIC ADMINISTRATION

MR. RATH

An introduction to the functions and problems of the public service. The problem of methods of executing public policy: personnel, organization, finance, public relations and responsibility, scope of administrative power, etc. Reorganization and other current problems.

*Three semester hours credit.*

Senior course. Juniors admitted by permission of instructor.

Three hours, second semester.

## 14. HISTORY OF POLITICAL THOUGHT

MR. JARVIS

A study of the contributions of the most important thinkers in political science from Plato to the present. Required for all majors.

*Three semester hours credit.*

Junior or Senior course. Three hours, first semester.

## Psychology

*Professor SMOKE, Assistant Professor MATHIAS, and Instructor EDDINS*

Psychology 1 is a prerequisite for all other courses in the Department. Requirements for a major include Psychology 1, 10, and 15, and fifteen additional semester hours, as approved by the Department. Education 5 may be included. Students looking forward to being recommended for admission to graduate school will be expected to take Psychology 8 and 12.

Psychology majors are advised to take Psychology 3 or 6 immediately after Psychology 1, and to take Psychology 8 no later than their junior year.

At least one year of post-graduate work is almost always required of applicants for positions in psychology.

1. GENERAL PSYCHOLOGY MESSRS. EDDINS, MATHIAS, and SMOKE  
Introduction to the facts and principles of psychology.  
Three hours, either semester. *Three semester hours credit.*
2. BUSINESS AND INDUSTRIAL PSYCHOLOGY MR. EDDINS  
The selection, placement, and training of workers, and the role of personality factors in the efficient operation of business and industrial organizations.  
Three hours, second semester. *Three semester hours credit.*
3. SOCIAL PSYCHOLOGY MESSRS. EDDINS and SMOKE  
Psychological study of human experience and behavior in social situations.  
Three hours, second semester. *Three semester hours credit.*
5. APPLIED PSYCHOLOGY MR. EDDINS  
Applications of psychology to such specific areas as market research, public opinion polling, guidance and counseling, criminology, and getting a job. Outside readings and reports in areas of student's special interests.  
Three hours, first semester. *Three semester hours credit.*  
Not given 1953-1954.
6. MENTAL HYGIENE MR. MATHIAS  
Principles of personal adjustment and healthy-mindedness.  
Three hours, second semester. *Three semester hours credit.*
7. PSYCHOLOGY OF PERSONALITY MR. SMOKE  
The nature of personality, together with the methods and results of its study.  
Three hours, first semester. *Three semester hours credit.*

- 8a. PSYCHOLOGICAL TESTS AND MEASUREMENTS MR. EDDINS  
A survey of tests, inventories, and other instruments, and of statistical computations used in psychology and education. *Three semester hours credit.*  
Two class hours and two laboratory hours, first semester.
- 8b. PSYCHOLOGICAL TESTS AND MEASUREMENTS MR. EDDINS  
Theory and practice in the construction and administration of psychological tests and the interpretation of their results. *Three semester hours credit.*  
Prerequisite: Psychology 8a. Two class hours and two laboratory hours, second semester.
9. CHILD AND ADOLESCENT PSYCHOLOGY MR. EDDINS  
The mental growth of the child and the adolescent. *Three semester hours credit.*  
Three hours, second semester.
10. EXPERIMENTAL PSYCHOLOGY MR. SMOKE  
Introduction to the purposes, materials, methods, and results of psychological experimentation. Laboratory work and selected readings. *Three semester hours credit.*  
Open only to Juniors and Seniors who are majors in the Department.  
Two class hours and two laboratory hours, second semester.
12. ADVANCED GENERAL PSYCHOLOGY MR. MATHIAS  
Motivation, perception, learning, and other topics in general psychology for advanced students. *Three semester hours credit.*  
Prerequisite: At least twelve semester hours in Psychology. Three hours, first semester.
13. INTRODUCTION TO CLINICAL PSYCHOLOGY MR. MATHIAS  
A survey of the field of clinical psychology; its problems, methods, and areas of application. *Three semester hours credit.*  
Prerequisite: At least six semester hours in Psychology.  
Junior and Senior course. Three hours, second semester.
14. ABNORMAL PSYCHOLOGY MR. MATHIAS  
Psychological approach to the problems of mental deficiency and insanity. *Three semester hours credit.*  
Junior and Senior course. Three hours, second semester.
15. SENIOR READING COURSE MR. SMOKE  
Supervised reading in psychology. *Semester hours as arranged.*  
Open only to Seniors who are majors in the Department. Conference hours as arranged, either semester.

## *Reserve Officers' Training*

### *(ROTC and AFROTC)*

Gettysburg College participates in the national security program by offering to its students, in cooperation with the armed forces, the opportunity to acquire training for future military leadership in the event of a national emergency. This training is conducted by members of the regular services through integrated courses taught by means of classroom lectures and recitations, conferences, seminars, and practical applications. Adequate equipment of the most modern type, including radios, motor vehicles, recoilless weapons, small arms, films, charts, instruments, models, etc., are available for instructional purposes. Regular texts and uniforms are furnished by the United States Government.

Training in this reserve officer program is available in both the Army (Department of Military Science and Tactics, commonly referred to as ROTC) and the Air Force (Department of Air Science and Tactics, commonly referred to as AFROTC).

Both these training programs are divided into two general courses, Basic and Advanced. The Basic course, taken during the Freshman and Sophomore years, is general in nature and may be elected instead of Physical Education activities for those years. The ROTC program is open to all physically qualified men students who are citizens of the United States, and the AFROTC program is open to both men and women students who meet the same standards. During this Basic course texts and uniforms are furnished on a loan basis.

Students enrolling for the Advanced course, taken during the Junior and Senior years, are selected from those who have completed the Basic course and who have demonstrated a satisfactory level of proficiency and leadership. Veterans of previous service may be granted credit in lieu of the Basic course.

During the Advanced course uniforms, texts, and equipment are furnished, and students are paid at the rate of approximately \$330.00 a year. Between the Junior and Senior years all Advanced course men are obliged to attend a summer camp for a period of approximately six weeks for practical training, during which time they are paid at the rate of \$78 a month in addition to transportation, food, and clothing.

Graduates of the ROTC program may request a transfer of their reserve commissions to a branch other than that in which they received their training, and those who are outstanding may qualify for Regular Army commissions. Top priority for flight training is given to graduates of the AFROTC.

Under present circumstances, men participating in the ROTC and AFROTC programs are deferred from induction under Selective Service regulations until graduation, if satisfactory academic progress is maintained, provided they demonstrate that they possess the qualities necessary to become Army or Air Force officers, and provided that they agree to accept Regular or Reserve commissions if tendered, and to serve at least two years on active duty if called and six years in the Reserves.

There is no provision to grant commissions to women who have completed the AFROTC program.

Since each unit must operate under a quota system established for it, and since student applications for training in each service vary from year to year, it is not

always possible for an entering student to be admitted for officer training in the service of his choice, but every effort is made to permit him to do so within the limitations of the quotas established.

## *Military Science and Tactics*

*Professor LIPSEY, Assistant Professor EISMANN, Instructors DeBORDE, FISCUS, NAVICKAS, and RION*

### BASIC COURSE

#### 1. BASIC COURSE, FRESHMAN

Military organization, military policy of the United States, military problems of the United States; map and aerial photograph reading; hygiene and first aid; leadership, drill and exercise of command; evolution of warfare; weapons and marksmanship.

*Four semester hours credit.*

Three periods, throughout the year.

#### 2. BASIC COURSE, SOPHOMORE

Leadership, drill and command; military organization; individual and crew-served weapons; scouting and patrolling; combat formations; technique of fire of rifle squad; tactics of the rifle squad; rifle marksmanship.

Three periods, throughout the year.

*Four semester hours credit.*

### ADVANCED COURSE

#### 3. ADVANCED COURSE, JUNIOR

Leadership, drill and command; military organization; weapons—machine guns, mortars, tanks, rocket launchers, recoilless rifles, land mines; communications; estimate of the situation; orders; gunnery; field fortifications; military intelligence; tactics of rifle platoon and company, heavy weapons platoon and company.

*Eight semester hours credit.*

Five periods, throughout the year.

#### 4. ADVANCED COURSE, SENIOR

Leadership, drill and command; teaching methods; military organization; command and staff; motors and transportation; communications; administration; military law and boards; new developments; psychological warfare; the military team; troop movements; supply and evacuation; tactics of infantry battalion; geographical foundations of national power.

*Eight semester hours credit.*

Five periods, throughout the year.

## *Air Science and Tactics*

*Professor FULTON, Assistant Professors McKEAND, MULLER, and WILLIAMS,  
Instructors JOHNSON, LEONARD, LYONS, and MORRELL*

### BASIC COURSE

#### 1. BASIC COURSE, FRESHMAN

Introduction to AFROTC; introduction to aviation; fundamentals of global geography; international tensions and security organizations; instruments of national military security; basic military training. *Four semester hours credit.*  
Three periods, throughout the year.

#### 2. BASIC COURSE, SOPHOMORE

Elements of aerial warfare, consisting of introduction to targets, weapons, aircraft, the air ocean, the Air Force base, and Air Force organizations; careers in the United States Air Force; leadership laboratory—cadet non-commissioned officer training.  
Three periods, throughout the year.

### ADVANCED COURSE

#### 3. ADVANCED COURSE, JUNIOR

The Air Force commander and his staff; problem solving techniques; communications process and Air Force correspondence; military law, courts, and boards; applied air science—aircraft engineering, navigation, and weather; Air Force base functions; leadership laboratory. *Eight semester hours credit.*  
Five periods, throughout the year.

#### 4. ADVANCED COURSE, SENIOR

##### 4A. COMPTROLLERSHIP

Military administration; military teaching methods; military management; leadership; drill and exercise of command; military law and boards; functions of the Inspector General; Air Force career developments; management analysis, program analysis, and cost analysis. *Eight semester hours credit.*  
Five periods, throughout the year.

##### 4B. FLIGHT OPERATIONS

Atomic energy and radiological defense; introduction to celestial navigation, radar navigation, and special navigation problems; electronic countermeasures; introduction to visual and radar bombing; leadership; drill and exercise of command. *Eight semester hours credit.*  
Five periods, throughout the year.

## *Romance Languages*

*Professor BACHMAN, Associate Professors HAMME and HARTSHORNE, Assistant Professor FRANCO, Instructors BARRIGA, LEHNBERGER, and REICHERT*

Requirements for a major in French or Spanish include a minimum of 24 semester hours above the A Course, 30 semester hours are necessary for a teaching major. Requirements for a teaching major or minor in French must include courses 3 and 4, and 5.

Requirements for a major in Spanish must include a reading knowledge of a second foreign language.

### FRENCH LANGUAGE

#### A. ELEMENTARY FRENCH

MISSSES LEHNBERGER and REICHERT; and Mr. HARTSHORNE

Essentials of grammar; practice in composition, reading, and translation.

Three hours, throughout the year.

*Six semester hours credit.*

#### 1. INTERMEDIATE FRENCH

MISSSES LEHNBERGER and REICHERT; and MESSRS. BACHMAN and HARTSHORNE  
Grammar review and composition. Reading of selections from modern French authors.

*Six semester hours credit.*

Prerequisite: French A or its equivalent. Three hours, throughout the year.

#### 3. ADVANCED FRENCH COMPOSITION

MR. BACHMAN

Systematic study of French grammar connected with composition drill. Stress on free composition.

*Three semester hours credit.*

Prerequisite: French 1. Three hours, first semester.

Not given 1953-1954.

#### 4. ADVANCED FRENCH CONVERSATION

MR. BACHMAN

This course aims especially to develop facility in oral expression.

*Three semester hours credit.*

Prerequisite: French 1 or equivalent. Three hours, second semester.

Not given 1953-1954.

#### 5. PRACTICAL PHONETICS

MR. BACHMAN

Study of the alphabet of the International Phonetic Association. Major emphasis is placed on oral practice.

*Two semester hours credit.*

Alternates with French 6.

#### 6. INTRODUCTION TO ROMANCE PHILOLOGY

MR. BACHMAN

Morphology of French, Spanish, and possibly Italian. Emphasis on the phenomena having special significance for teachers or graduate students. Recommended to majors and minors both in French and in Spanish.

*Two semester hours credit.*

Prerequisites: French 3 and 4 or French 11 and equivalents. Two semester hours, first semester. Alternates with French 5.

Not given 1953-1954.

7. OLD FRENCH LANGUAGE AND LITERATURE MR. BACHMAN  
Study of the various *genres* of medieval French literature.  
*Two semester hours credit.*  
Prerequisite: French 6. Two hours, second semester. Alternates with French 21.  
Not given 1953-1954.

9. EXPLICATION DE TEXTES MR. BACHMAN  
Designed for Seniors only. Conference hours as arranged, either semester.  
Two hours, either semester. *Two semester hours credit.*

## FRENCH LITERATURE

The following courses fulfill the one-year literature requirement.

11. SURVEY COURSE IN FRENCH LITERATURE MR. BACHMAN  
A general survey of French literature from the Middle Ages to the 19th century.  
*Six semester hours credit.*  
Prerequisite: French 1 or its equivalent. Three hours, throughout the year.  
Not given 1953-1954.

13. FRENCH LITERATURE OF THE 19TH CENTURY, 1800-1850 MR. HARTSHORNE  
Selections from poets and prose writers of the Romantic and Realistic movements.  
*Six semester hours credit.*  
Prerequisite: French 1 or its equivalent. Three hours, throughout the year.  
Alternates with French 14.

14. FRENCH LITERATURE OF THE 19TH CENTURY, 1850-1900 MR. HARTSHORNE  
Selections from poets and prose writers of the Naturalistic and Symbolistic movements.  
*Six semester hours credit.*  
Prerequisite: French 1 or its equivalent. Three hours, throughout the year.  
Alternates with French 13.  
Not given 1953-1954.

15. FRENCH LITERATURE OF THE 20TH CENTURY MR. BACHMAN  
A study of the more recent literary tendencies of France, with special reference to the national life and character.  
*Six semester hours credit.*  
Prerequisite: French 1 or its equivalent. Three hours, throughout the year.

17. FRENCH LITERATURE OF THE 17TH CENTURY MR. BACHMAN  
French classicism as revealed in the dramatic works of Corneille, Molière, and Racine. Study of the representative prose writers. *Six semester hours credit.*  
Prerequisite: French 1 or its equivalent. Three hours, throughout the year.  
Alternates with French 18.  
Not given 1953-1954.

18. FRENCH LITERATURE OF THE 18TH CENTURY      MR. BACHMAN  
 Critical study of the "*esprit philosophique*" as illustrated in the writings of Montesquieu, Voltaire, Diderot, d'Alembert, Buffon, Rousseau, and others.  
*Six semester hours credit.*  
 Prerequisite: French 1 or its equivalent. Alternates with French 17.

## FRENCH CIVILIZATION, METHODS, SEMINAR

21. HISTORY OF FRENCH CIVILIZATION      MR. BACHMAN  
 A survey of French history, emphasizing the French contributions to the political, social, and cultural movements of Europe. *Two semester hours credit.*  
 No language requirements. Two hours, second semester.  
 Alternates with French 7.
23. METHODS OF TEACHING FRENCH      MR. BACHMAN  
 Lesson planning in conjunction with grammar review; discussions concerning the cultural material to be used; selection of suitable texts.  
 Open only to Juniors and Seniors who expect to teach and who have been recommended by the Department head. *Three semester hours credit.*  
 Three hours, first semester. Given only in alternate years.  
 Not given 1953-1954.
25. THESIS IN FRENCH      STAFF  
 Open only to Seniors who are members of Phi Sigma Iota.  
 Conference hours as arranged, either semester. *Two semester hours credit.*

## SPANISH LANGUAGE

### A. ELEMENTARY SPANISH

MISSSES LEHNBERGER and REICHERT; and MESSRS. BARRIGA and HARTSHORNE  
 Fundamentals of grammar and reading. *Six semester hours credit.*  
 Three hours, throughout the year.

1. INTERMEDIATE SPANISH      MESSRS. BARRIGA, FRANCO, and HAMME  
 Review of Spanish grammar, conversation, translation, and composition.  
 Prerequisite: Spanish A or its equivalent. Three hours, throughout the year.  
*Six semester hours credit.*

2. ADVANCED COMPOSITION AND CONVERSATION      MR. FRANCO  
 Social and business letter writing, short Spanish themes, advanced grammar, and conversation based on current events and life-situations.  
*Six semester hours credit.*  
 Prerequisite: Spanish 1 or its equivalent. Three hours, throughout the year.  
 Not given 1953-1954.

## SPANISH LITERATURE

The following courses fulfill the one-year Literature requirement. All three hours throughout the year. Prerequisite for all courses up to 20: Spanish 1 or its equivalent.

10. LENGUA Y LITERATURA (SURVEY COURSE IN SPANISH LITERATURE) MR. FRANCO

A study of the development of the Spanish géneros literarios to the present day. Geographical and historical background. Reading and discussion of selection from some of the most outstanding authors of each period.

Not given 1953-1954.

*Six semester hours credit.*

11. SPANISH-AMERICAN LITERATURE MR. HAMME

A survey course with emphasis on poetry and the novel.

Not given 1953-1954.

*Six semester hours credit.*

12. NINETEENTH CENTURY SPANISH DRAMA MR. FRANCO

Romantic and post-romantic Spanish drama from the Duque de Rivas to Espronceda.

*Six semester hours credit.*

13. NINETEENTH CENTURY SPANISH NOVEL MR. FRANCO

The costumbrista movement. Reading and discussion of works from Cecilia Böhl de Faber to and including some of the works by Pérez Galdós.

Not given 1953-1954.

*Six semester hours credit.*

14. CONTEMPORARY SPANISH NOVEL MR. HAMME

Reading and study of novels beginning with the Generation of '98.

Prerequisite: Spanish 1 or its equivalent.

*Six semester hours credit.*

15. CONTEMPORARY SPANISH DRAMA MR. FRANCO

Reading and study of the outstanding plays of the 20th Century beginning with the Generation of 1898.

*Six semester hours credit.*

16. MEXICAN LITERATURE MR. HAMME

The development of Mexican Literature, with a study of the Colonial, Romantic, Modernista, and Contemporary periods.

*Six semester hours credit.*

Not given 1953-1954.

17. NOVELA DEL SIGLO DE ORO MR. HAMME

Study of *La novela picaresca* and *Don Quijote*.

*Six semester hours credit.*

18. TEATRO DEL SIGLO DE ORO MR. FRANCO

Lope de Vega and other dramatists of the Siglo de Oro.

*Six semester hours credit.*

21. SPANISH-AMERICAN CULTURE AND PROBLEMS MR. FRANCO  
 Social, economic, and political problems of Spanish America. Study and interpretation of contemporary Latin American essays. *Six semester hours credit.*  
 Prerequisite: at least one Spanish Literature course from Numbers 10 to 20.  
 Not given 1953-1954.

### SPANISH CIVILIZATION, METHODS, SEMINAR

31. METHODS AND TECHNIQUE OF TEACHING SPANISH MR. FRANCO  
 Teaching methods and technique, lesson planning, selection of textbooks, remedial teaching. Lectures, reports, and classroom practice.  
 For teaching majors. Hours as arranged. *Three semester hours credit.*  
 Three hours. First semester.  
 Given in alternate years.
32. THESIS IN SPANISH MESSRS. FRANCO and HAMME  
 Research and outlining. Individual conferences. *Two semester hours credit.*  
 Two hours either semester. Conference hours as arranged.  
 Prerequisite: Any course from the group 10-30.

### ITALIAN LANGUAGE

- A. ELEMENTARY ITALIAN MR. BACHMAN  
 Fundamentals of grammar and reading. This course may not be used towards the fulfillment of a language requirement. *Six semester hours credit.*  
 Three hours, throughout the year.

### *Social Science*

*Professors* RICHARDSON, FORTENBAUGH, SMOKE, STOKES, and WALTEMYER, *Assistant Professor* JARVIS, and *Instructor* TOMASSON

The Social Science major is planned primarily to meet the needs of those students who wish general knowledge of the social sciences or those students who intend to continue their preparation for work in one of these fields in graduate school. A student who majors in Social Science needs no related minor. Requirements for a major are 42 semester hours, including the following courses: Economics 3a; Philosophy 1a; Political Science 1a; Psychology 1; Sociology 1, 2, 10. The remaining hours are to be selected from the following list with the approval of the adviser. Prospective teachers are advised to include Sociology 11. Descriptions of the courses mentioned below may be found among the listings of the departments which offer the courses.

The requirement of the State of Pennsylvania for a teaching minor in the Social Sciences is a minimum of 18 semester hours, 9 of which are satisfied by Economics 3A, Political Science 1a, and Sociology 1, the remaining 9 semester hours to be in the field of History, including the History of Pennsylvania.

COURSE NO.	DESCRIPTIVE TITLE	SEMESTER HOURS
Bible 4	Church History	6
Bible 12	The Hebrew Prophets	2
Bible 13	Contemporary Religious Thought	3
Bible 15	Psychology of Religion	2
Economics 11	Labor Problems and Organization	3
Education 40	Principles of Guidance and Personnel Work	3
History 1	History of Western Civilization	6
History 3 or 6	History of the United States and of Penna.	6
Mathematics 23	Statistics	3
Philosophy 1b	Contemporary World Philosophies	3
Philosophy 4	Ethics	6
Philosophy 8	Political Ideals in Conflict	3
Philosophy 12	Philosophy of Religion	3
Philosophy 17	Influential Criticism	3
Political Science 6	Business and Government	3
Political Science 11	American Political Thought	3
Political Science 12	Public Administration	3
Political Science 14	History of Political Thought	3
Psychology 3	Social Psychology	3
Psychology 6	Mental Hygiene	3
Psychology 7	Psychology of Personality	3
Psychology 14	Abnormal Psychology	3
Sociology 5	Marriage and the Family	3
Sociology 7	Anthropology	3
Sociology 8	Mass Communication	3
Sociology 9	The Community	3
Sociology 11	Teaching Methods in Social Science	3
Sociology 12	Modern Social Movements	3
Sociology 13	Society and Education	3
Sociology 14	Contemporary American Culture	3

## *Sociology*

*Professor* RICHARDSON, *Assistant Professors* LANGERHANS and SCHUBART, and  
*Instructor* TOMASSON

All students who wish to minor in Sociology should include Sociology 1, 2, and 10. Sociology 1 is a prerequisite for all other courses in the Department.

### 1. PRINCIPLES OF SOCIOLOGY

MR. TOMASSON

Survey of the basic forms of human association and interaction; culture and personality; collective behavior; institutions; social organization; social change.

Three hours, either semester.

*Three semester hours credit.*

## 2. SOCIAL PROBLEMS

MR. TOMASSON

An analytical and critical approach to the problems of society. The course will examine such problems as population, race prejudice, mass communication, crime and delinquency, education, religion, and the modern family.

Three hours, second semester.

*Three semester hours credit.*

## 5. MARRIAGE AND THE FAMILY

MR. SCHUBART

Functions of the family; marriage and family adjustments; marital relations and family stability in contemporary society.

Three hours, second semester.

*Three semester hours credit.*

## 7. ANTHROPOLOGY

MR. TOMASSON

A study of man, beginning with primitive contemporary and prehistorical societies and proceeding to higher civilizations. The course will deal with human origins, the development and transmission of culture, racial differentiation, and the backgrounds of human institutions.

Three hours, first semester.

*Three semester hours credit.*

## 8. MASS COMMUNICATION

MR. LANGERHANS

Relationship of public opinion to social control and collective behavior. Special attention is given to the various media of mass communication, such as the newspaper, radio, motion picture, and to the problems of monopoly, propaganda, and freedom.

Three hours, second semester.

*Three semester hours credit.*

## 9. THE COMMUNITY

MR. TOMASSON

Consideration of the social and political organization, environmental and economic bases and social problems of modern rural and urban communities in America. Part of the course includes field work (survey) in the community of Gettysburg.

Three hours, first semester.

*Three semester hours credit.*

## 10. SOCIOLOGICAL THEORIES

MR. LANGERHANS

Survey of the leading theories of social organization. Environmental, racial, psychological, economic, historical, and political schools of thought will be considered.

Three hours, second semester.

*Three semester hours credit.*

## 11. METHODS OF TEACHING THE SOCIAL STUDIES

This course deals with the techniques employed by teachers in presenting social studies materials on different grade levels and in various situations. Methods in relation to pupil population, equipment, and school objectives are discussed. Also examined are the content, function, and organization of social studies materials for teaching purposes; this includes a review of the usual social studies courses with suggestions for reorganization. Specific analysis is given of such items as units, class discussions, reading, visual aids, trips, teacher planning, and student evaluation.

Three hours, second semester.

*Three semester hours credit.*

## 12. MODERN SOCIAL MOVEMENTS

MR. LANGERHANS

The dynamics of social movements and mass manipulation. Organizational forms and ideologies. Trade unions and Socialist parties. Patterns of revolution: 1789, 1848, 1917, 1949. Marx to Mao. Background of bolshevism and fascism and National Socialism. International Communism, its methods of organization, propaganda, and terror.

*Three semester hours credit.*

## 14. AMERICAN CULTURE

MR. SCHUBART

A study of the growth of some major institutions and intellectual traditions which have contributed to the formation of the American ideology.

Three hours, first semester.

*Three semester hours credit.*

## 15. INDUSTRIAL SOCIOLOGY

A study of the rise and scope of industrial sociology as a scientific discipline and its relation to applied fields of study. The course will examine the social organization of the world of work, the social adjustments of the worker, the major problems of applied industrial sociology, and the impact of industry upon the local community and the national society. It is designed primarily for students of general sociology but is also recommended for students of labor and management.

*Three semester hours credit.*

## 16. AMERICAN MINORITY GROUPS

MR. TOMASSON

A history of American minority groups, their special problems, and their place in American society. Sociological and social psychological theories will be stressed.

*Three semester hours credit.*

Three hours, first semester.

*Spanish*

(See Romance Languages)

*Speech*

(See English)

# *Alumni Organizations*

## *The Alumni Association*

The Gettysburg College Alumni Association, founded in 1835, is comprised of graduates of the College and former students who were regularly matriculated. It is organized to foster and promote the welfare of Gettysburg College and to maintain good fellowship among the members. Though the Association meets but once a year, the Alumni Council meets at the spring and fall Homecomings. The Executive Committee meets each January to plan and execute organization affairs.

Many local branches of the Association hold frequent meetings.

## *Executive Committee*

### ASSOCIATION OFFICERS

President.....	JOHN A. APPLE, '19, 1122 E. Market St., Sunbury
Vice-President.....	RALPH W. HOCH, '16, 191 Treaty Rd., Drexel Hill
Alumni Secretary.....	C. PAUL CESSNA, '15, Gettysburg College
Recording Secretary.....	JANE ANN LILICH, '47, 86 Admiral Blvd., Baltimore 22, Md.
Treasurer.....	JOHN D. MCGRAW, '33, 2124 Delaware Ave., Pittsburgh 18

### CHAIRMEN OF STANDING COMMITTEES

Alumni Clubs.....	MRS. CARL O. GLEITSMANN, '39
Alumni Days.....	HENRY M. SCHARF, '25
Endowment and Scholarship.....	RAY A. BARNARD, '15
Finance.....	WILLIAM H. B. STEVENS, '26
Medal.....	HOMER W. CRIST, '25
Nominating.....	PAUL F. CURFMAN, '26
Public Relations.....	GEORGE B. BAKER, '20
Secondary Schools.....	MRS. C. E. HUBSCH, '38
Undergraduate.....	MRS. LESTER O. JOHNSON, '33

### PAST PRESIDENTS

H. H. BEIDLEMAN, '12	C. L. S. RABY, '09
C. E. GERBERICH, '12	H. G. PORTS, '25
R. C. DOUGHERTY, '00	F. R. SEIBEL, JR., '26
	W. H. PATRICK, JR., '16

### MEMBERS-AT-LARGE

HOWARD F. SHEETS, '25	Term expires 1953
WALTER E. HESS, '24	Term expires 1954
G. LISLE BEERS, '21	Term expires 1955
CHARLES L. EBY, '33	Term expires 1956

*Local Club Organizations*

## ALTOONA, PA.

President.....F. M. HALLER, '29, 1208 5th Ave.  
Secretary.....R. W. FLENNER, '17, 1116 25th Ave.

## BALTIMORE, MD.

President.....W. N. DORN, '33, 1549 Northwick Rd.  
Secretary.....MARIE SCHLUTER, '49, 4611 Mary Ave.

## BUFFALO, N. Y.

President.....L. A. GREENFIELD, '40, 628 W. Ferry St.  
Secretary.....R. A. CARLSON, '17, 825 Auburn Ave.

## CENTRAL PENNSYLVANIA

President.....  
Secretary.....N. J. WEIKERT, '30, Howard

## CHAMBERSBURG, PA.

President.....N. F. KELLER, '12, 12 N. Potomac St., Waynesboro  
Secretary.....MRS. C. Q. SMITH, '27, Box 353, Chambersburg

## CHICAGO, ILL.

President.....M. H. STILES, '25, 5409 Magnolia Ave.  
Secretary.....C. W. BAUDER, '26, 843 Washington Blvd., Oak Park, Ill.

## CLEVELAND, OHIO

President.....J. M. BLOCHER, '13, 379 Beech St., Berea, Ohio

## FAITHFUL FIFTY (Philadelphia, Pa., Social Group)

President.....A. S. SIPE, '26, 4021 Bonsall Ave., Drexel Hill  
Secretary.....NORMAN S. HAAS, '43, 6032 Alma St., Philadelphia 24

## FREDERICK—CARROLL COUNTY

President.....HERMAN HAUSER, '33, 13 E. "A" St., Brunswick, Md.  
Secretary.....R. H. MILLER, '29, 111 First Ave., Brunswick, Md.

## HAGERSTOWN, MD.

President.....R. H. RYDER, '26, 100 Club Road  
Secretary.....H. L. SPESSARD, '26, 911 View St.

## HARRISBURG, PA.

President.....P. E. NOLL, '21, 3811 Kramer St., Progress  
Secretary.....JOAN SMITH, '46, 316 Market St., Newport

## JOHNSTOWN, PA.

President.....R. H. HENDERSON, '46, 605 Fronheiser St.  
Secretary.....C. C. DOVEY, '48, 345 Luzerne St.

## LANCASTER, PA.

President.....AUSTIN HESS, '48, Akron  
 Secretary.....BETTY EDWARDS, '48, 63 S. Franklin St., Lancaster

## LEBANON AND SCHUYLKILL COUNTIES

President.....B. L. CRIST, '19, Pine Grove  
 Secretary.....R. H. WITTERS, '33, Lebanon

## LEHIGH VALLEY

President.....A. G. MACMILLAN, '24, 114 Mountain Blvd., Emmaus  
 Secretary.....E. S. FLEMING, '31, 2011 Washington Blvd., Easton

## LOUISIANA

President.....M. W. MILLER, '20, 1109 Eleanore St., New Orleans

## NEW YORK

President.....P. Y. LIVINGSTON, '13, 111-08 122nd St., Ozone Park  
 Secretary.....F. A. KISTER, '13, 32 Broadway, New York

## NORTH CENTRAL PENNSYLVANIA

President.....R. C. SINGLEY, '26, 91 Union Ave., Williamsport  
 Secretary.....P. F. CURFMAN, '26, Northumberland

## PHILADELPHIA, PA.

President.....Mrs. C. E. HUBSCH, '38, 521 Monroe Rd., Merion  
 Secretary.....H. O. SCHWARTZ, '42, 4430 Huey Ave., Drexel Hill

## PITTSBURGH, PA.

President.....B. E. KELLER, '28, 3009 Gilmore Ave.  
 Secretary.....P. H. IHRIG, '29, 224 Martsof Ave.

## READING AND BERKS COUNTY, PA.

President.....G. G. DOUGHERTY, '37, 474 W. Oley St.  
 Secretary.....BARBARA MOGEL, '51, 1023 Terrace Ave., Wyomissing

## SOMERSET, PA.

President.....F. S. HOFFMAN, '29, 223 N. Franklin Ave., Somerset  
 Secretary.....R. L. YUND, '19, Sipesville

## SOUTHERN CALIFORNIA

President.....J. B. WEAVER, '39, 9300 Cranshaw Blvd., Inglewood  
 Secretary.....R. Z. IMLER, '00, 306 Levermore Ter., Los Angeles

## SOUTHERN WEST VIRGINIA

President.....J. R. McMILLAN, '09, 906 Massey Circle, Charleston  
 Secretary.....MRS. J. R. McMILLAN, 906 Massey Circle, Charleston

WASHINGTON, D. C.

President.....A. T. DEIBERT, '18, 2124 Eye St., N.W.  
Secretary .....CATHERINE RAUM, '48, 501 Peabody St., N.W.

WESTERN MARYLAND

President.....L. M. SOWERS, '23, 22 E. Main St., Lonaconing  
Secretary . . . . .J. M. McALPINE, '31, 747 Washington St., Cumberland

WYOMING VALLEY

President.....J. F. SALLADA, '27, 25 Mallery Pl., Wilkes-Barre  
Secretary.....MRS. P. H. PHILLIPS, '40, R. D. #1, Dallas

YORK COUNTY

President.....C. W. DIEHL, '29, 22 S. Vernon St., York  
Secretary.....E. F. Harner, '33, 106 W. Maple St., York

# Students in College

## Seniors, Class of 1953

- Aierstock, Barbara A., *P.E., Lancaster, Pa.*  
Aldstadt, Robert H., *P.S., Windber, Pa.*  
Alenson, Robert O., *Econ., Maplewood, N. J.*  
Arndt, Walter E., *P.S., Collingswood, N. J.*  
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- Baughman, Glenn L., *Chem., Dover, Pa.*  
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- Brownley, Edward R., *P.E., Havertown, Pa.*  
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Byrne, John C., *P.E., Dobbs Ferry, N. Y.*
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Dolson, Philip J., *Econ., Middletown, Pa.*  
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Foosse, Ann, *P.E., and S.S., Harrisburg, Pa.*  
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Fudge, William E., *Econ., Montour Falls, N. Y.*  
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- Gardner, Eugene A., *Phil., Hagerstown, Md.*  
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George, Kenneth B., Jr., *Econ., River Edge, N. J.*  
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Griffiths, Howard J., *Econ., Kenvil, N. J.*
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Hagy, Kenneth W., *Phy., Havertown, Pa.*  
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Hamme, David C., *Math., York, Pa.*  
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Herbst, James E., *Econ., York, Pa.*  
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- Jordan, Dorothy L., *Ger., Bethlehem, Pa.*
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 Northrup, Maynard S., *Econ., Roselle Park, N. J.*  
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 Paul, Florence E., *S.S., Havertown, Pa.*  
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 Stockwell, Betty J., *Eng.*, Sharon Hills, Pa.  
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 Trout, Nevin J., *Econ.*, Felton, Pa.  
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 Arnfield, James R., *Econ.*, Homestead, Pa.

Bacheller, Babette B., *Psych.*, Short Hills, N. J.  
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 Bardenheuer, Leo, *Econ.*, Arlington, Va.  
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 Bates, Wayne E., *P.S.*, Knobsville, Pa.  
 Beck, Joan M., *Eng.*, York, Pa.  
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 Bohen, Sheldon J., *Bio.*, Brooklyn, N. Y.  
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 Bowman, Kenneth, *P.E.*, Palmyra, Pa.  
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 Brandt, Marjorie A., *Eng.*, Mechanicsburg, Pa.  
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 Whitstone, Richard D., *Econ.*, Wayne, Pa.  
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 Deickler, Robert B., *Econ.*, Chappagua, N. Y.  
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 Dise, George D., *Math.*, Glen Rock, Pa.  
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 Miller, Ronald C., *Hist., Harrisburg, Pa.*  
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 Mowery, Samuel R., *Bio., New Cumberland, Pa.*  
 Moyer, Richard D., *Eng., Vineland, N. J.*  
 Muller, Edith, *S.S., Port Washington, N. Y.*  
 Mumma, Grace A., *Econ., Mechanicsburg, Pa.*  
 Myers, Barbara P., *Fr., Washington, D. C.*  
 Myers, Nelson K., Jr., *Mus., Lititz, Pa.*
- Naughton, Robert E., *Bio., Northfield, N. J.*  
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 Nebel, Oliver A., *Econ., Palmyra, N. J.*

Noll, Thomas E., *Phy.*, Harrisburg, Pa.  
Nulty, William H., *P.E. and S.S.*, New York, N. Y.

Oravec, Daniel, *Hist.*, Johnstown, Pa.  
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Owen, Gladys W., *Psy.*, York, Pa.  
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Parmer, Larry D., *Econ.*, Halifax, Pa.  
Peery, Robert J., *Mus.*, Westfield, N. J.  
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Penniman, Nancy J., *Math.*, Bethlehem, Pa.  
Penry, Edward B., *Psy.*, Scotch Plains, N. J.  
Perry, Donald C., *Chem.*, Northfield, N. J.  
Prais, Robert W., *Chem.*, Elmhurst, Long Island, N. Y.  
Pratt, Willis G., *Bio.*, Ashland, Pa.

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Reichert, Lucille J., *Psy.*, Glendale, N. Y.  
Reiley, Leigh E., *Econ.*, Wynnewood, Pa.  
Reilly, John J., *Math.*, Hillside, N. J.  
Reinbrecht, Georgeanna D., *Hist.*, Haddonfield, N. J.  
Rentschler, Walter R., *Econ.*, Sayre, Pa.  
Riedel, John F., *Hist.*, Linesville, Pa.  
Rieker, George W., Jr., *S.S.*, Trenton, N. J.  
Roberts, Haines L., *Econ.*, Haddonfield, N. J.  
Roberts, Robert J., *S.S.*, Philadelphia, Pa.  
Robinson, John C., Jr., *Econ.*, Selinsgrove, Pa.  
Rooney, James J., Jr., *Econ.*, Mahanoy City, Pa.  
Rosenbaum, Irwin M., *Chem.*, Brooklyn, N. Y.  
Rost, James A., *Econ.*, Red Lion, Pa.  
Rumbaugh, Carolyn J., *Eng.*, Washington, D. C.  
Ryder, Don F., Jr., *P.S.*, Hagerstown, Md.

Sachs, Robert L., *Econ.*, Gettysburg, Pa.  
Sandt, Lois L., *S.S.*, Havertown, Pa.  
Saner, Alfred J., *Hist.*, West New York, N. J.  
Scheithauer, Howard W., *P.S.*, Mahanoy City, Pa.  
Schreiber, John J., *Phy.*, Philadelphia, Pa.  
Schunter, Nancy B., *S.S.*, Baltimore, Md.  
Schwabland, Carl, *Econ.*, Philadelphia, Pa.  
Segel, Frank L., *S.S.*, Atlantic City, N. J.  
Shaffer, Ellis U., *P.S.*, Harrisburg, Pa.  
Shambaugh, Donald A., *Econ.*, Greensburg, Pa.  
Shaulis, Samuel A., *P.E.*, Butler, Pa.  
Sheets, Howard F., Jr., *Mus.*, Ocala, Fla.  
Sheffer, Ephraim C., *Fr.*, Spring Grove, Pa.  
Sheppard, John C., Jr., *Econ.*, Pitman, N. J.

Shull, Samuel M., *Econ.*, York, Pa.  
Shull, William R., *Econ.*, Hazleton, Pa.  
Slade, Richard T., *Psy.*, Gettysburg, Pa.  
Smart, Arthur M., *Econ.*, Vineland, N. J.  
Smith, Mary J., *Psy.*, Kingston, N. Y.  
Smith, Peter C., *Econ.*, Andover, Mass.  
Snively, Robert C., Jr., *Hist.*, Hagerstown, Md.  
Snyder, Benjamin C., *Econ.*, New Holland, Pa.  
Snyder, Charles F., *Econ.*, Dallastown, Pa.  
Sorell, Robert J., *Econ.*, Kensington, Md.  
Spangler, Daniel W., *Hist.*, York, Pa.  
Stephens, Nancy A., *Bio.*, McConnellsburg, Pa.  
Stokes, Edwin B., *Econ.*, Wormleysburg, Pa.  
Stroehmann, Marion E., *S.S.*, Williamsport, Pa.

Tabor, Lois A., *Psy.*, Washington, D. C.  
Tari, Udo, *Bible*, Baltimore, Md.  
Taylor, Joan E., *P.E.*, Malibu, Calif.

Ujobai, Joseph S., *Econ.*, Phoenixville, Pa.  
Urgo, Richard L., *Hist.*, Hagerstown, Md.

Vierling, Frieda E., *Bio.*, Englewood, N. J.  
Vivaldi, Joseph R., *Hist.*, Gettysburg, Pa.  
Vliet, Robert E., *Bio.*, Westfield, N. J.

Wagner, Barbara C., *Fr.*, Baltimore, Md.  
Wagner, Charles G., *Econ.*, Thorofare, N. J.  
Walsh, Louise F., *S.S.*, Staten Island, N. Y.  
Wantz, Earl B., *Hist.*, Westminster, Md.  
Ward, Gerald A., *P.S.*, Pitman, N. J.  
Warthling, Edward E., *Econ.*, Honesdale, Pa.  
Weber, Albert L., *Psy.*, Cumberland, Md.  
Weems, Donald B., *Bio.*, Wrenonah, N. J.  
Weikel, Patricia J., *Eng.*, Philadelphia, Pa.  
Welliver, Walter R., *Econ.*, Bloomsburg, Pa.  
Wentz, Frederick H., *Eng.*, Hanover, Pa.  
Weyn, Adrian S., *Bio.*, Hagerstown, Md.  
Whitcomb, Jack L., *Hist.*, York, Pa.  
Whitehead, John S., *Econ.*, Williamsport, Pa.

Wiker, Edgar G., *Econ.*, Philadelphia, Pa.  
Williams, Harry E., *Econ.*, Havertown, Pa.  
Williams, Jay P. A., *Phy.*, Harrisburg, Pa.  
Williams, John E., *Bio.*, Pittsburgh, Pa.  
Winand, Earl E., *Chem.*, York, Pa.  
Wingert, J. Robert, Jr., *Econ.*, Waynesboro, Pa.  
Wishard, William N., *Phy.*, York, Pa.  
Wolfe, Richard E., *Psy.*, Littlestown, Pa.  
Woodington, Donald C., *Econ.*, Ambler, Pa.  
Woodward, Patricia A., *Psy.*, Brooklyn, N. Y.

Yingling, Josephine A., *S.S.*, Hagerstown, Md.  
Yingling, Judith L., *S.S.*, Hagerstown, Md.  
Yoder, James A., *Psy.*, Cumberland, Md.  
Yost, Julia A., *Mus.*, Biglerville, Pa.  
Young, George M., *Bio.*, Harrisburg, Pa.  
Yuzuk, Ronald P., *Psy.*, Palisade, N. J.

Zerby, Donald E., *Math.*, Millersburg, Pa.  
Ziegler, James B., *Sp.*, Hanover, Pa.

*Sophomores, Class of 1955*

- Adams, Raymond E., *Bio.*, Trenton, N. J.  
 Alexander, Ronald S., *Econ.*, Willow Hill, Pa.  
 Allebach, James H., *Econ.*, Pennsauken, N. J.  
 Alling, Barbara R., *Econ.*, Clayton, N. J.  
 Alspach, Glenn H., *Math.*, Annville, Pa.  
 Anderson, Edward M., *S.S.*, New City, N. Y.  
 Ansel, Richard K., *Bio.*, Baltimore, Md.  
 Antonell, Walter J., *Econ.*, Teaneck, N. J.  
 Atkinson, Donald C., *Chem.*, Audubon, N. J.  
 Audrins, Arija, *Bio.*, Baltimore, Md.  
 Augustine, John D., *Econ.*, Gettysburg, Pa.
- Bachman, Albert E., *Fr.*, Gettysburg, Pa.  
 Bair, Ronald A., *Chem.*, Harrisburg, Pa.  
 Baker, Richard C., *S.S.*, Kittanning, Pa.  
 Bannon, William L., *Econ.*, Lewistown, Pa.  
 Barber, Milton C., Jr., *Econ.*, Moorestown, N. J.  
 Bargmann, Henry J., *Econ.*, Cuyaboga Falls, Ohio.  
 Bausersfeld, John C. W., *Bio.*, Chevy Chase, Md.  
 Beaver, Robert H., *Hist.*, Lebanon, Pa.  
 Beck, Carl E., *Psy.*, Pittsburgh, Pa.  
 Beebe, Noel A., *Econ.*, Media, Pa.  
 Beimler, Richard P., *Chem.*, Yonkers, N. Y.  
 Belt, Robert B., *Econ.*, Mamaroneck, N. Y.  
 Berger, Barbara A., *Hist.*, Upper Darby, Pa.  
 Berger, Phyllis E., *S.S.*, Lansdale, Pa.  
 Betskoiff, Merle B., Camden, N. J.  
 Betz, Frank H., III, *Econ.*, Westfield, N. J.  
 Beyrent, John R., Jr., *Chem.*, Steelton, Pa.  
 Brady, Barbara M., *Psy.*, Wilmington, Del.  
 Boyd, Barclay A., *Econ.*, Dallastown, Pa.  
 Boyer, Gertrude P. S., Roselle, N. J.  
 Brake, Donald C., *Hist.*, Washington, D. C.  
 Brazenor, Robert G., Jr., *Chem.*, Howard Beach, N. Y.  
 Brennan, Patricia A., *Fr. and Sp.*, Cheltenham, Pa.  
 Brown, Ainsworth H., *P.S.*, Silver Spring, Md.  
 Brubaker, Richard L., *Eng.*, Media, Pa.  
 Bucher, Gary L., Biglerville, Pa.  
 Buddemeyer, Edward U., *Chem.*, Baltimore, Md.  
 Bunty, Thomas F., *Econ.*, McSherrystown, Pa.  
 Burdan, Harrie G., *Econ.*, Pottstown, Pa.  
 Burke, John J., Jr., *Econ.*, Paulsboro, N. J.
- Carman, Neil R., *Econ.*, Bound Brook, N. J.  
 Carter, Robert S., *Chem.*, Hartford, Conn.  
 Chubb, David M., *Econ.*, Upper Darby, Pa.  
 Clare, Henry E., *Bio.*, Paoli, Pa.  
 Clarke, John R., *Bib.*, Lewistown, Pa.  
 Clinton, James A., *Bio.*, Hagerstown, Md.  
 Colberg, Virginia M., *Eng.*, Orchard Park, N. Y.  
 Coull, Curtis E., *P.E.*, Norristown, Pa.  
 Coulson, Elizabeth A., *Psy.*, Havertown, Pa.  
 Covey, Charles A., *Econ.*, Silver Spring, Md.  
 Crane, Patricia, *Pay.*, Little Neck, N. Y.  
 Crawford, John, *Bio.*, Oxford, N. Y.  
 Creasy, Robert R., *Econ.*, North Hills, Pa.  
 Cropp, Jack W., *Econ.*, Warren, Pa.  
 Crowl, Janet L., *Sp.*, York, Pa.
- Danker, Eleanor A. L., *Eng.*, Oradell, N. J.
- Davis, Alice M., *P.E.*, York, Pa.  
 Diemer, Nancy A., *Psy. and Sp.*, Philadelphia, Pa.
- Eckman, Lester W., *P.E.*, Coatesville, Pa.  
 Eisenhart, Mary J., *Hist.*, Woodbury, N. J.  
 Eisenhart, Tillie M., *S.S.*, York, Pa.  
 Ely, Donald J., *P.S.*, Baltimore, Md.  
 Engle, John W., Jr., *Econ.*, Merchantville, N. J.  
 Eppleman, Robert G., *Econ.*, Gloucester City, N. J.  
 Evans, George W., Jr., *Bib.*, Columbia, Pa.
- Fackler, Martin L., Jr., *Chem.*, York, Pa.  
 Faul, John S., *Bio.*, Steelton, Pa.  
 Feeser, Virginia A., *Eng.*, Harrisburg, Pa.  
 Feit, Martin D., *Bio.*, Brooklyn, N. Y.  
 Feldner, Karl H., *Econ.*, Baltimore, Md.  
 Ferren, Edwin T., III, *Econ.*, Merchantville, N. J.  
 Filbert, Frederic J., *P.S.*, Auburn, Pa.  
 Finlay, Robert H., *Mus.*, Ridgewood, N. J.  
 Finnegan, Robert S., *Math.*, Peekskill, N. Y.  
 Fireoed, Donald W., *Econ.*, Springfield, Del. Co., Pa.  
 Fox, Bruce J., *Econ.*, Poughkeepsie, N. Y.  
 Frankenfield, Anna M., *Hist.*, Glenside, Pa.  
 Frantz, Wayne R., *Chem.*, York, Pa.  
 Franz, Jean L., *Eng.*, Baltimore, Md.  
 Freas, Betty J., *S.S.*, Conshohocken, Pa.  
 Frolen, Cynthia A., *Eng.*, Montgomery, N. Y.
- Gardiner, Lynn M., *Math.*, Maplewood, N. J.  
 Garriss, Lester S., Jr., *Econ.*, Branchville, N. J.  
 Garrow, Cynthia K., *P.E.*, Pottstown, Pa.  
 Geib, Richard E., *Hist.*, Manheim, Pa.  
 Georgiana, Joseph S., *P.S.*, Gibbstown, N. J.  
 Gerber, Charles W., *Econ.*, Newark, N. J.  
 Gibson, Janice K., *Math.*, Havertown, Pa.  
 Gilbert, Ralf E., *S.S.*, Quakertown, Pa.  
 Gilmour, William R., *Econ.*, Hartford, Conn.  
 Gingrich, Cynthia L., *Bio.*, Lebanon, Pa.  
 Glass, John F., *Chem.*, Fannettsburg, Pa.  
 Graham, Willard P., Jr., *Econ.*, Narberth, Pa.  
 Greth, Gary F., *Hist.*, Hamburg, Pa.  
 Griesel, Donald C., *P.E.*, Bronx, N. Y.  
 Guise, Earl R., *Chem.*, York Springs, Pa.
- Haabestad, Grace V., *Mus.*, Springfield, Pa.  
 Haase, George F., *Econ.*, DuBois, Pa.  
 Hafner, Douglas E., *P.E.*, Mineola, N. Y.  
 Hafner, William F., *Chem.*, Uniondale, N. Y.  
 Hajjar, Josephine, *Psy.*, Harrisburg, Pa.  
 Harecourt, Robert N., *Econ.*, Westfield, N. J.  
 Harter, Charles M., *P.S.*, Berwick, Pa.  
 Harvey, Herbert M., Jr., *Econ.*, Garden City, N. Y.  
 Hausmann, Virginia L., *Psy.*, Cranford, N. J.  
 Hay, Theodore D., Jr., *Econ.*, Gettysburg, Pa.  
 Henderson, James M., Jr., *Econ.*, Chatham, N. J.  
 Henry, Nancy R., *Econ.*, Royersford, Pa.  
 Hershey, William E., *Hist.*, York, Pa.  
 Heyward, Mary P., *S.S.*, Rockville Centre, N. Y.  
 Hickoff, Neil A., *P.E.*, Duncannon, Pa.

- Hill, Duncan E., Jr., *Econ.*, Teaneck, N. J.  
 Hill, Joanne L., *Chem.*, Falls Church, Va.  
 Hoffman, Robert T., *Econ.*, Prospect Park, Pa.  
 Houck, Fern L., *Chem.*, Hanover, Pa.  
 Howard, James T., Jr., *Bio.*, Merion Park, Pa.  
 Hunsberger, Donald M., *Econ.*, Philadelphia, Pa.  
 Huzzard, Marilyn E., *Chem.*, Jenkintown, Pa.  
 Irshick, Eugene F., *Phil.*, Bronx, N. Y.  
 Johnson, Thomas F., *Bio.*, Hagerstown, Md.  
 Jones, Richard C., *Hist.*, Pine Grove, Pa.  
 Keith, Edward M., *Econ.*, Hanover, Pa.  
 Keller, Barry A., *P.S.*, Glen Rock, Pa.  
 Kennedy, Diane C., *Econ.*, Teaneck, N. J.  
 Kephart, James W., *Econ.*, Philipsburg, Pa.  
 Kerstetter, Marcia J., *P.E.*, Enola, Pa.  
 Kertz, Edward F., *Econ.*, Tenaflly, N. J.  
 Ketcham, Richard P., *Econ.*, Baltimore, Md.  
 Kirsch, Edward A., Jr., *Econ.*, Merchantville, N. J.  
 Kisslinger, Joseph C., *Econ.*, Peekskill, N. Y.  
 Kohr, Robert C., *Econ.*, Lebanon, Pa.  
 Koprivier, Claudette L., *S.S.*, Duquesne, Pa.  
 Kostelac, Thomas M., *Econ.*, Steelton, Pa.  
 Ksiewicz, Joseph M., *Econ.*, Woodstown, N. J.  
 Kuziak, John, Jr., *Chem.*, Danville, Pa.  
 Lambert, Francis M., Jr., *Bio.*, Narberth, Pa.  
 Lamson, John L., *Bio.*, Howard Beach, N. Y.  
 Landino, Robert H., *Econ.*, Thorndale, Pa.  
 Lane, Marian C., *Math.*, Hawthorne, N. J.  
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 Lau, Michael W., *Econ.*, Spring Grove, Pa.  
 Laurita, William G., *Chem.*, Copiague, N. Y.  
 Lebzelter, David O., *S.S.*, Johnstown, Pa.  
 Leidenberg, Norma J., *Bio.*, New Rochelle, N. Y.  
 Lengel, Quentin E., *Chem.*, Pine Grove, Pa.  
 Lenhard, Constance C., *Psy.*, Drexel Hill, Pa.  
 Lenzing, Harriet, *Psy.*, Hackensack, N. J.  
 Leps, Charles E., *Hist.*, Westmont, N. J.  
 Lewis, Mary I., *Mus.*, Johnstown, Pa.  
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 Lindstrom, Joan V., *Math.*, Jamaica, N. Y.  
 Lipkin, John P., *P.S.*, Coatesville, Pa.  
 Littell, Elton G., *Psy.*, Ardmore, Pa.  
 Livingston, Edward A., *Hist.*, Williamsport, Pa.  
 Long, Maurice G., *Phy.*, Hanover, Pa.  
 Long, Nancy L., *S.S.*, New Kensington, Pa.  
 Loose, Irvin M., *Econ.*, West Leesport, Pa.  
 Lopez, Rita L., *Chem.*, Elizabeth, N. J.  
 Louder, Kenneth C., *Hist.*, Johnstown, Pa.  
 Lowe, Edward G., *Econ.*, Franklinville, N. J.  
 Lowrie, Leon S., *Springfield*, Pa.  
 Luckett, Nancy K., *Psy.*, York, Pa.  
 Lupp, Gilbert J., *Eng.*, Gettysburg, Pa.  
 McClennen, George T., *Econ.*, West Englewood, N. J.  
 McComas, Ruth E., *Lat.*, Narberth, Pa.  
 McKenzie, Charles H., *Chem.*, Stony Brook, N. Y.  
 McMullan, Richard J., *Econ.*, Harrisburg, Pa.  
 Maberry, Barron B., *Hist.*, Baltimore, Md.  
 Manahan, Richard R., *Math.*, Blue Ridge Summit, Pa.  
 March, George K., Jr., *Econ.*, Norristown, Pa.  
 Marino, Guy, Jr., *Hist.*, Harrisburg, Pa.  
 Martin, William R., *Eng.*, Reading, Pa.  
 Matthias, Robert F., *Econ.*, Drexel Hill, Pa.  
 Maurer, Barbara A., *Econ.*, Wilmington, Del.  
 Megee, James F., Jr., *Chem.*, Lansdowne, Pa.  
 Meyer, Richard A., *Econ.*, Brooklyn, N. Y.  
 Michel, Janet E., *Bio.*, Swarthmore, Pa.  
 Miles, Lewis W., *Econ.*, Paoli, Pa.  
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 Miller, Larry G., *Econ.*, Altoona, Pa.  
 Molnar, Joseph, III, *Hist.*, Pittsburgh, Pa.  
 Moore, Herbert F., Jr., *Bio.*, Clayton, N. J.  
 Morrison, Robert B., *Econ.*, Hagerstown, Md.  
 Natale, Anthony L., *Econ.*, Harrisburg, Pa.  
 Neuhaus, Colin F., *Econ.*, Glen Rock, Pa.  
 Niemann, Bruno G., *S.S.*, Baltimore, Md.  
 Nolt, Mary C., *Eng.*, Mt. Joy, Pa.  
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 Ollivier, Norman P., *S.S.*, Moorestown, N. J.  
 Onorato, Vincent L., *Econ.*, Wynnewood, Pa.  
 Parkinson, Peter D. S., *Phy.*, Philadelphia, Pa.  
 Parlett, Elizabeth L., *Eng.*, New York, N. Y.  
 Parsons, Patricia A., *Bib.*, Akron, Ohio  
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 Quick, John D., *Econ.*, New Cumberland, Pa.  
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 Reid, Walton S., II, *Hist.*, Bala Cynwyd, Pa.  
 Rein, Leonard A., *Econ.*, York, Pa.  
 Reiner, Samuel T., *P.S.*, Westport, Conn.  
 Rhys, Merry E., *Psy.*, Forest Hills, N. Y.  
 Ribble, Jack T., *Econ.*, Washington, N. J.  
 Ries, Harry W., III, *Econ.*, Haddon Heights, N. J.  
 Roberto, Robert, *Hist.*, Long Branch, N. J.  
 Rogers, Clara J., *Econ.*, Greenville, Pa.  
 Rohrbach, Wallace K., Jr., *Hist.*, Harrisburg, Pa.  
 Rosenberger, Carl F., *Hist.*, Freedom, Pa.  
 Rumberger, Susan, *Chem.*, Philipsburg, Pa.  
 Ryan, Jaye R., *P.S.*, Merchantville, N. J.  
 Scalzi, Francis, *Chem.*, Reading, Pa.  
 Schallick, Oakford A., Jr., *Econ.*, Centerton, N. J.  
 Schiller, Richard W., *Econ.*, Bridgeton, N. J.  
 Schwager, Maida B., *Chem.*, Philadelphia, Pa.  
 Sechrist, Frank S., *Phy.*, Shrewsbury, Pa.  
 Shader, Albert H., Jr., *P.S.*, Harrisburg, Pa.  
 Shakun, Richard W., *Chem.*, Brooklyn, N. Y.  
 Shepperd, Linda A., *Mus.*, Glen Rock, Pa.  
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Shetler, Richard H., *Econ.*, *Jenkintown, Pa.*  
 Shirey, Elmer C., *Bio.*, *Pittsburgh, Pa.*  
 Sholly, Arlene, *Bio.*, *Myerstown, Pa.*  
 Shue, Spurgeon T., Jr., *Bio.*, *Spring Grove, Pa.*  
 Sibert, Robert L., *Bio.*, *New Oxford, Pa.*  
 Silberman, Jack D., *Econ.*, *Annaville, Pa.*  
 Smith, Walter S., *Bib.*, *Wilmington, Del.*  
 Snook, Richard A., *Econ.*, *Clearwater, Fla.*  
 Snyder, Richard H., *Econ.*, *Hummelstown, Pa.*  
 Snyder, Walter E., *Econ.*, *York, Pa.*  
 Snyder, William E., *P.E.*, *Allentown, Pa.*  
 Spicer, Edwin R., *P.S.*, *Gettysburg, Pa.*  
 Sprekel, Terry V., *Econ.*, *Glenside, Pa.*  
 Stackowski, Mary J., *Chem.*, *Glenside, Pa.*  
 Stark, Robert H., *Econ.*, *Short Hills, N. J.*  
 Steinbach, William A., *Bio.*, *Norristown, Pa.*  
 Stetler, Janet, *Fr.*, *Bethesda, Md.*  
 Stoner, John R., *Bio.*, *Mercersburg, Pa.*  
 Stonesifer, Roy P., Jr., *Hist.*, *Trenton, N. J.*  
 Strickler, Charles S., Jr., *Econ.*, *West Englewood, N. J.*  
 Sump, Conrad R., *P.S.*, *Cambria Heights, N. Y.*  
 Swindells, Carol D., *Chem.*, *Pearl River, N. Y.*  
 Taddiken, Gerard A., *Econ.*, *Valley Stream, N. Y.*  
 Teeter, Nancy, *Psy.*, *Gettysburg, Pa.*  
 Thomas, Edward E., *Bio.*, *Garden City, N. Y.*  
 Thompson, George O., *Econ.*, *Concordville, Pa.*  
 Thrush, John D., *P.S.*, *Gettysburg, Pa.*

Trimmer, Jacob E. V., *Bio.*, *Carlisle, Pa.*  
 Urban, George A., *Bio.*, *Collingswood, N. J.*  
 Van Houten, Paul A., *Bio.*, *Berwick, Pa.*  
 Velecky, Henrietta W., *Econ.*, *Hackensack, N. J.*  
 Walthour, William T., *Chem.*, *Greensburg, Pa.*  
 Wartluft, LaVerne J., *Eng.*, *West Lawn, Pa.*  
 Way, Natalie E., *S.S.*, *Easton, Pa.*  
 Weaver, Robert R., *Chem.*, *Pleasantville, N. J.*  
 Weaver, Thomas E., Jr., *P.S.*, *Catasauqua, Pa.*  
 Webster, Edward, *P.S.*, *Jenkintown, Pa.*  
 Wehn, Sara D., *Eng.*, *Ardmore, Pa.*  
 Weinelt, Ronald H., *Hist.*, *Baltimore, Md.*  
 Weitzel, William J., *Econ.*, *Harrisburg, Pa.*  
 Wiemer, Herman W., Jr., *Econ.*, *Trumbull, Conn.*  
 Wilbur, Herbert S., Jr., *Econ.*, *Adamstown, Md.*  
 Wilson, John A., *S.S.*, *Lancaster, Pa.*  
 Winant, Eve E., *Sp.*, *Hackensack, N. J.*  
 Worth, John H., *Eng.*, *Bethlehem, Pa.*  
 Worth, Marjorie A., *Chem.*, *Trenton, N. J.*  
 Wright, Barry, *Math.*, *Greensburg, Pa.*  
 Yingling, Robert J., *Chem.*, *Littlestown, Pa.*  
 Yingst, H. Sheldon, *Math.*, *Hummelstown, Pa.*  
 Yocum, William A., *Econ.*, *New Cumberland, Pa.*  
 Yost, Earl E., Jr., *P.E.*, *Shippensburg, Pa.*

## Freshmen, Class of 1956

Ade, Joseph A., *P.E.*, *Crescent Park, N. J.*  
 Ake, James W., *Econ.*, *DuBois, Pa.*  
 Albright, Madeline L., *Eng.*, *Upper Darby, Pa.*  
 Alexander, Robert M., *Econ.*, *Marysville, Pa.*  
 Alexander, William P., *Econ.*, *Haddon Heights, N. J.*  
 Alexis, Roger D., *Hist.*, *Salamanca, N. Y.*  
 Alleva, Frederick P., *Econ.*, *Norristown, Pa.*  
 Anderson, Alan H., *Eng.*, *Pittsburgh, Pa.*  
 Anglemeyer, Veronica M., *Psy.*, *West Fairview, Pa.*  
 Annett, J. Donald, *Hist.*, *Narberth, Pa.*  
 Armistead, Harriet L., *Chem.*, *Gettysburg, Pa.*  
 Armstrong, Louise M., *Econ.*, *Philadelphia, Pa.*  
 Attig, Barry D., *York, Pa.*  
 Avadikian, Dikran K., *Chem.*, *Wheaton, Md.*  
 Avis, Bertram, *Econ.*, *Somers Point, N. J.*  
 Ayre, James W., *Econ.*, *Harrisburg, Pa.*  
 Ayres, Richard W., *Econ.*, *Wilmington, Del.*  
 Bailey, William M., Jr., *Econ.*, *Fairhaven, Mass.*  
 Baker, Kay A., *Eng.*, *Lancaster, Pa.*  
 Bankert, Gordon M., *Hist.*, *Hanover, Pa.*  
 Bare, Samuel L., III, *Chem.*, *Westminster, Md.*  
 Bauer, Jane D., *Sunbury, Pa.*

Bausert, John, *Econ.*, *York, Pa.*  
 Bavosa, Anthony J., *Chem.*, *Westfield, N. J.*  
 Beck, Jean M., *Bio.*, *Kutztown, Pa.*  
 Bender, Nancy A., *Psy.*, *Gettysburg, Pa.*  
 Berthold, Mary N., *Eng.*, *New Freedom, Pa.*  
 Biehl, James L., *P.E.*, *New York, N. Y.*  
 Bierly, Joseph W., Jr., *Econ.*, *Glen Rock, Pa.*  
 Bierman, Frederick H., Jr., *Econ.*, *York, Pa.*  
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 Brown, Ruth A., *P.E.*, *Westminster, Md.*  
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 Campbell, Richard M., *Econ.*, Hellam, Pa.  
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 Cheiton, William R., *P.E.*, Baltimore, Md.  
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 Coates, Evelyn J., *Eng.*, Easton, Md.  
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Coleman, Alfred C., Jr., *Chem.*, Salem, N. J.  
 Collins, John D., *Econ.*, Hagerstown, Md.  
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 DeBoise, Robert A., *P.E.*, Dobbs Ferry, N. Y.  
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 Flook, Howard O., Jr., *Frederick*, Md.  
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 Fowler, Paul C., Jr., *Econ.*, Harrisburg, Pa.  
 Fox, Carole E., *Soc.*, Harrisburg, Pa.  
 Frankhouser, Wayne A., *Bradford*, Pa.  
 Frantz, H. Richard, *Econ.*, Souderton, Pa.  
 Franz, Robert E., *Hist.*, Philadelphia, Pa.  
 Frederick, Stanley, *Bio.*, Annville, Pa.  
 Fuhrmeister, Frederick A., *Havertown*, Pa.

Gaenzle, Richard W., *P.S.*, Albany, N. Y.  
 Gagliardi, Frank, *Econ.*, Long Branch, N. J.  
 Garofalo, Robert C., *Econ.*, Bloomfield, N. J.  
 Gatto, Joseph R., *Mus.*, Fieldsboro, N. J.  
 Geesaman, Frank G., *Waynesboro*, Pa.

Gemmill, William M., *Chem.*, York, Pa.  
 Gilchrist, Robert G., *Chem.*, Yeadon, Pa.  
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 Graham, Randall R., *Phil.*, Philipsburg, Pa.  
 Griffith, John H., *Phy.*, Ligonier, Pa.  
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 Gruwell, William A., *Econ.*, Wilmington, Del.  
 Gulliford, Roy E., *Bib.*, Philadelphia, Pa.  
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 Hageman, Kenneth B., *Econ.*, Harrisburg, Pa.  
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 Harris, Albert S., Jr., *Econ.*, York, Pa.  
 Harvey, David A., *Bio.*, Little Falls, N. J.  
 Hays, Carolyn S., *Bio.*, Emmitsburg, Md.  
 Hazen, Joseph N., *Econ.*, Silver Spring, Md.  
 Hechler, James W., *Windber*, Pa.  
 Heder, Robert A., *Psy.*, Park Ridge, N. J.  
 Helmke, Ernest W., *Psy.*, Brooklyn, N. Y.  
 Hemler, Dale J., *Econ.*, Hanover, Pa.  
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 Herman, Benjamin P., *Econ.*, Kutztown, Pa.  
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 Hoy, Daniel O., *P.S.*, Northumberland, Pa.  
 Husbands, Nancy M., *P.E.*, Rahway, N. J.  
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 Jones, Eleanor D., *P.E.*, Lansdowne, Pa.

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- Kleinfelter, Donald C., *Eng.*, *Middletown, Pa.*  
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 Knol, Claude J., Jr., *Math.*, *Harrisburg, Pa.*  
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 Kolz, Alan C., *Econ.*, *Fair Lawn, N. J.*  
 Krall, Nancy, *Eng.*, *Dillsburg, Pa.*  
 Kramer, Alan S., *Eng.*, *New York, N. Y.*  
 Krause, Catherine A., *Psy.*, *Havertown, Pa.*  
 Krautmacher, Margot M., *Ger.*, *Pittsburgh, Pa.*  
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 Krum, James R., *Econ.*, *Lebanon, Pa.*  
 Kurtz, Ralph F., *Econ.*, *Derry, Pa.*
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 Larson, Paul A., *P.S.*, *Bethlehem, Pa.*  
 Latsha, Anna J., *Chem.*, *Hickory Corners, Pa.*  
 Lawecki, Roman W., *Econ.*, *West Natrona, Pa.*  
 Lewandowski, Richard J., *Pittsburgh, Pa.*  
 Light, Lamar L., *Math.*, *Palmira, Pa.*  
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 Lizza, Nicholas C., *Econ.*, *Oyster Bay, N. Y.*  
 Loker, Donzel S., *Econ.*, *Chevy Chase, Md.*  
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- McClennen, Richard D., *Econ.*, *Teaneck, N. J.*  
 McConnell, Stephen P., *Chem.*, *Philadelphia, Pa.*  
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 McGrath, Thomas B., Jr., *Phy.*, *Middletown, Pa.*  
 McIntyre, Hugh F., *Merchantville, N. J.*  
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 Mahle, Herbert J., Jr., *Psy.*, *Baltimore, Md.*  
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 Mamula, John Y., *Psy.*, *Interlaken, N. J.*  
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 Millar, Fred B., *Phy.*, *New Oxford, Pa.*  
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 Nevitt, Thomas R., *Econ.*, *Bedford, Pa.*  
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- Olewine, Harold I., *Harrisburg, Pa.*  
 O'Malley, John F., *Econ.*, *Odenton, Md.*  
 Oursler, Russell H., Jr., *Econ.*, *Havertown, Pa.*
- Padilla, Jaime, *P.S.*, *Bogota, Colombia, S. A.*  
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 Powell, Eugene A., *P.E.*, *Harrisburg, Pa.*  
 Purdy, Richard C., *Econ.*, *Lansdowne, Pa.*  
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- Rappaport, Herbert R., *Woodmere, N. Y.*  
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 Reitenauer, Ronnie L., *Econ.*, *Allentown, Pa.*  
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 Roth, Donald S., *Math.*, *Altoona, Pa.*  
 Ruby, Samuel A., *Hist.*, *Johnstown, Pa.*  
 Ruos, James L., *Phy.*, *Quakertown, Pa.*  
 Rupp, David C., *P.S.*, *Woodbury, N. J.*  
 Ruzicka, Jerome T., *Econ.*, *Maywood, N. J.*
- Sachs, Jan, *Econ.*, *Emmaus, Pa.*  
 Schmidt, John D., Jr., *Econ.*, *Middletown, Pa.*  
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 Schriver, Harold J., *P.S.*, *Dover, Del.*  
 Schulz, Stephen J., *Knoxville, Tenn.*  
 Schwarz, John N., Jr., *Jacksonville, Fla.*  
 Schwering, Virginia A., *Psy.*, *Bethlehem, Pa.*

- Scullin, Constance M., Mus., Trenton, N. J.  
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 Shaffer, Warren H., Jr., Hooversville, Pa.  
 Shank, William H., III, Econ., Chambersburg, Pa.  
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 Sheetz, David H., Econ., Steelton, Pa.  
 Shettle, Clinton C., Psy., Baltimore, Md.  
 Shimkus, Joan L., Psy., Elizabeth, N. J.  
 Shinnick, William G., Chem., Baltimore, Md.  
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 Siegel, Alfred O., Summit, N. J.  
 Silcox, John F., Jr., Chem., Holmdel, N. J.  
 Simcoviak, Richard R., P.E., Brackenridge, Pa.  
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 Sipp, George G., Jr., Econ., Teaneck, N. J.  
 Small, Alexander J., Math., Colonia, N. J.  
 Smith, Charles W., Eng., Norristown, Pa.  
 Smith, Norman E., Jr., Chem., Verona, N. J.  
 Snyder, Carolyn S., Chem., Gardners, Pa.  
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 Soltesz, James F., P.E., Zelenople, Pa.  
 Spangler, Gerald L., Bedford, Pa.  
 Spillinger, Gordon, Chem., Falls Church, Va.  
 Stadler, Barbara J., Econ., Manasquan, N. J.  
 Starner, Clair W., New Freedom, Pa.  
 Stein, Joan E., Chem., North Wales, Pa.  
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 Stewart, Ben H., Econ., Jennerstown, Pa.  
 Stewart, William P., P.S., Jennerstown, Pa.  
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 Stracener, Rebecca J., Span., Little Silver, N. J.  
 Strelein, Jacob W., Chem., Johnstown, Pa.  
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 Swierstra, Arthur D., Hist., Glen Rock, N. J.  
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 Teti, Alfred L., Econ., Haddon Heights, N. J.  
 Tracey, E. Richard, Bio., Margate, N. J.  
 VanNest, Walter K., Upper Darby, Pa.  
 Vaught, Lewis E., Jr., Econ., Glenside, Pa.  
 Verdichio, Robert J., P.E., Westwood, N. J.  
 Wagoner, James A., Chambersburg, Pa.  
 Warner, Harold R., P.E., Biglerville, Pa.  
 Wasser, Erwin R., Econ., Souderton, Pa.  
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 Weaver, John C., Hist., Frederick, Md.  
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 Whetstone, Adelaide M., Eng., Norristown, Pa.  
 Whitsel, Donna J., Econ., Mount Union, Pa.  
 Witmer, John H., Psy., Scotland, Pa.  
 Wittenberger, Joyce A., Chem., Teaneck, N. J.  
 Wolf, Marvin E., Eng., Forest Hills, N. Y.  
 Woltersdorf, Otto W., Chem., Philadelphia, Pa.  
 Woodward, Albert P., Phy., Moylan, Pa.  
 Young, Enos L., P.E., Souderton, Pa.  
 Zimmerman, Joan P., York, Pa.  
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## *Students Attending the 1952 Summer Session*

- Aiken, Arthur, Gettysburg, Pa.  
 Allard, Nicholas L., Waynesboro, Pa.  
 Alley, Ali A., Berwick, Pa.  
 Armstrong, Frank D., Jr., Harrisburg, Pa.  
 Atkinson, Donald C., Audubon, N. J.  
 Aumen, Paul E., Jr., Hanover, Pa.  
 Austin, John H., Aberdeen, Md.  
 Bachman, Albert E., Gettysburg, Pa.  
 Bailey, William M., Jr., Fairhaven, Mass.  
 Bange, Betty Ann, Hagerstown, Md.  
 Bates, Wayne E., Silver Spring, Md.  
 Becker, Floyd, Lebanon, Pa.  
 Beyrent, John R., Jr., Steelton, Pa.  
 Bobb, Catherine L., Harrisburg, Pa.  
 Bolton, James E., Harrisburg, Pa.  
 Border, Gladys, Hanover, Pa.  
 Bostock, George H., Jr., Carlisle, Pa.  
 Boughter, Donald A., Middletown, Pa.  
 Boyd, Barclay A., Dallastown, Pa.  
 Brennan, John T., Springfield, Pa.  
 Bright, Thomas Chester, Norristown, Pa.  
 Brinton, Charles A., Biglerville, Pa.  
 Brockmann, Shirley, Elmhurst, Ill.  
 Brown, Paul J., Jr., York, Pa.  
 Brugler, Ray B., Carlisle, Pa.  
 Bushman, Daniel, Arendtsville, Pa.  
 Cagiano, John, Netcong, N. J.  
 Carboy, William S., Teaneck, N. J.  
 Carter, Robert S., Hartford, Conn.  
 Clark, Donald R., Carlisle, Pa.  
 Compagnone, Joseph A., Milford, Mass.  
 Cooper, Eugene G., Tower City, Pa.  
 Coover, Donald L., Camp Hill, Pa.  
 Cropp, Jack W., Warren, Pa.  
 Cullen, Mary Ann, Harrisburg, Pa.  
 Davis, Charles A., Pine Grove, Pa.  
 Davis, Earl E., Jr., Espy, Pa.  
 Davis, Suzanne M., Baltimore, Md.  
 Deisroth, Will A., Hazleton, Pa.  
 DeSimone, Samuel, Palsboro, N. J.  
 Dickson, Robert B., Camp Hill, Pa.  
 Dietze, Robert J., Verona, N. J.  
 Dise, George D., Glen Rock, Pa.  
 Dooley, Joseph W., Gettysburg, Pa.  
 Dunn, George, III, Olean, N. Y.  
 Eckert, Arthur M., Hanover, Pa.  
 Ehrman, Robert G., Kensington, Md.

Evans, Pierce, *Hasbrouck Heights, N. J.*  
Ewing, William, *Ocean City, N. J.*

Feeman, Mary Anna, *Gettysburg, Pa.*  
Fickes, Paul A., *Harrisburg, Pa.*  
Flinsbach, Janet C., *North Plainfield, N. J.*  
Focht, Theodore M., Jr., *Athens, Pa.*  
Foose, Ann, *Harrisburg, Pa.*  
Frain, J. Frank, *Pittsburgh, Pa.*  
Francis, Arvid A., *Bethesda, Md.*  
Francis, George F., *Merchandise, N. J.*  
Franco, C. Miriam, *Gettysburg, Pa.*  
Franz, Frank M., Jr., *Philadelphia, Pa.*  
Freeman, Arthur, *Duncansville, Pa.*  
Fry, Robert Lee, *Newville, Pa.*  
Funk, James J., *Somerset, Pa.*  
Funk, John F., Jr., *York, Pa.*

Gearey, Thomas P., *Havertown, Pa.*  
Gerard, Reed C., *Carmel, Calif.*  
Gerber, Charles W., *Newark, N. J.*  
Gilliss, Alfred, Jr., *Merchantville, N. J.*  
Gilmore, Virginia, *York, Pa.*  
Gitt, William, *Hanover, Pa.*  
Golden, James J., *Lykens, Pa.*  
Gorsuch, James E., *Altoona, Pa.*  
Graham, Willard, Jr., *Narberth, Pa.*  
Grant, John A., *Hanover, Pa.*  
Greenawalt, Miriam, *Lancaster, Pa.*  
Guise, Donald Richard, *Gettysburg, Pa.*  
Guy, Philip A., *Williamsport, Pa.*  
Guyton, Jane, *Hagerstown, Md.*

Hamilton, Charles, *Pittsburgh, Pa.*  
Hamme, Leander G., *Brodbeck, Pa.*  
Hanson, Henry W. A., III, *Hagerstown, Md.*  
Harper, Sue, *Biglerville, Pa.*  
Harrison, Frank T., III, *Drexel Hill, Pa.*  
Hartman, A. Lorraine, *Gettysburg, Pa.*  
Hartman, Nelle M., *Gettysburg, Pa.*  
Hess, Boyd G., *Conestoga, Pa.*  
Hess, Russell B., *Havertown, Pa.*  
Hickoff, Neil, *Duncannon, Pa.*  
Hoke, Richard V., *Hanover, Pa.*  
Holland, Donald J., *W. Catsauqua, Pa.*  
Hollinger, Robert E., *Harrisburg, Pa.*  
Hooten, Mark O., *New Carlisle, Ind.*  
Hoover, Lewis C., *Harrisburg, Pa.*  
Horn, Richard H., *York, Pa.*  
Horner, Jacqueline, *High Spire, Pa.*  
Hossfeld, Harold H., *Teaneck, N. J.*  
Hott, George H., Jr., *Charleroi, Pa.*  
Hunsberger, Russell B., *Collegeville, Pa.*

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Jones, Eugene F., *New Oxford, Pa.*  
Jones, Glenwood F., *Dundalk, Md.*  
Jones, Richard C., *Pine Grove, Pa.*  
Jonovich, Donald, *Lebanon, Pa.*  
Jordan, Dorothy, *Bethlehem, Pa.*

Kanaley, Robert L., *Port Crane, N. Y.*  
Keers, William H., Jr., *Sharon Hills, Pa.*  
Keller, Paul S., *Baltimore, Md.*  
Kelly, John A., Jr., *Paoli, Pa.*  
Kelley, William B., *Chevy Chase, Md.*  
Kellow, Dorothy Jean, *Easton, Pa.*  
Kendi, Paul W., Jr., *Mt. Pleasant, Pa.*  
Kennedy, Clyde L., *York Springs, Pa.*  
Ketcham, Richard P., *Baltimore 10, Md.*  
Kick, Ronald, *New York, N. Y.*  
Killalea, Patricia, *Gettysburg, Pa.*  
Kinsey, Glenn, *Reading, Pa.*  
Kling, Richard, *York, Pa.*  
Knoettner, Albert, *Audubon, N. J.*  
Koch, Harry J., *Kingston, N. Y.*

Kollas, William C., *Carlisle, Pa.*  
Koons, Alice H., *York Springs, Pa.*  
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Lady, Mrs. Margaret, *Biglerville, Pa.*  
Lang, Joseph J., Jr., *Philadelphia, Pa.*  
Lantz, Philip R., *West Fairview, Pa.*  
Leadbetter, Philip P., *Cape Cod, Mass.*  
Lear, Louise R., *Ocean City, N. J.*  
Leinhardt, Franklyn, *Hanover, Pa.*  
Locke, Brewster L., *Washington, D. C.*  
Lott, William M., *Gardners, Pa.*  
Loudner, Kenneth C., *Johnstown, Pa.*  
Lowe, Edward G., *Franklinville, N. J.*  
Lowry, John I., *Mont Alto, Pa.*  
McComas, Ruth E., *Narberth, Pa.*  
McGuire, Phillip E., *Gettysburg, Pa.*  
McMeekan, William, *Westfield, N. J.*

McPherson, Francis O., *Shippensburg, Pa.*  
MacDonald, J. Malcolm, *Westminster, Md.*  
Maquire, William, *Philadelphia, Pa.*  
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May, Herbert G., *East Freedom, Pa.*  
Mayes, Donald S., *Burnham, Pa.*  
Miller, George A., *Gettysburg, Pa.*  
Miller, John M., *Greencastle, Pa.*  
Miller, Mark J., *Gettysburg, Pa.*  
Miller, Ronald, *Harrisburg, Pa.*  
Moore, Herbert F., Jr., *Clayton, N. J.*  
Molnar, Joseph, III, *Pittsburgh, Pa.*  
Mountain, Dolores J., *Gettysburg, Pa.*  
Moyer, Richard D., *Vineland, N. J.*

Natale, Anthony, *Harrisburg, Pa.*  
Nester, Paul M., *Wyomissing, Pa.*  
Niemann, Bruno G., *Baltimore, Md.*  
Nightingale, Jack E., *Garden City, N. Y.*

Onorato, Vincent L., *Wynnewood, Pa.*  
Owen, John A., *York, Pa.*  
Owings, Kenneth L., *New Freedom, Pa.*

Raffensperger, Harold M., *Gettysburg, Pa.*  
Reaver, Alma M., *Littlestown, Pa.*  
Reichert, Lucille J., *Glendale, N. Y.*  
Reid, Walton S., Jr., *Philadelphia, Pa.*  
Reifsnider, Louis S., *Hanover, Pa.*  
Richards, Joan Lee, *Hanover, Pa.*  
Rentschler, Walter R., *Sayre, Pa.*  
Roberto, Robert P., *Long Branch, N. J.*  
Robins, Russell E., *Plainfield, N. J.*

Sanders, Charles M., *Abbottstown, Pa.*  
Schwering, Virginia, *Bethlehem, Pa.*  
Seebade, Marie L., *Little Neck, N. Y.*  
Segraves, William G., *New Oxford, Pa.*  
Shaffer, G. Clark, *Bloomsburg, Pa.*  
Shaffer, Wayne E., *Seven Valleys, Pa.*  
Shakun, Richard W., *Brooklyn, N. Y.*  
Shambaugh, Donald A., *Greensburg, Pa.*  
Shambaugh, Roy E., *Carlisle, Pa.*  
Sharo, Edwin P., *Duquesne, Pa.*  
Shaulis, Samuel A., *Butler, Pa.*  
Sheen, James D., *Philadelphia, Pa.*  
Shenton, John B., *York, Pa.*  
Shirey, Elmer, *Pittsburgh, Pa.*  
Sinn, Thomas F., *Baltimore, Md.*  
Shriner, Caroline, *Taneytown, Md.*  
Slifer, Willard F., Jr., *Hagerstown, Md.*  
Slothour, Carroll, *Hanover, Pa.*  
Smith, Carolyn E., *Hanover, Pa.*  
Smith, Howard P., *Hazleton, Pa.*  
Smith, Peter C., *Andover, Mass.*  
Smith, Vesta G., *York Springs, Pa.*  
Snyder, William E., *Allentown, Pa.*

Souder, Helen-Ann, *Philadelphia, Pa.*  
 St. Clair, Sheldon C., *Verona, N. J.*  
 Stewart, John R., *Watervliet, N. Y.*  
 Stultz, Dean S., *Gettysburg, Pa.*  
 Swisher, Rose Marie, *Gettysburg, Pa.*

Teeter, Nancy, *Gettysburg, Pa.*  
 Thomas, Boyd E., *Bellefonte, Pa.*  
 Tompkins, Edwin, *Emporium, Pa.*

Vittrup, John F., *Carlisle, Pa.*  
 Vignola, William J., *Philadelphia, Pa.*

Walthour, William T., *Greensburg, Pa.*  
 Ward, Eugene C., *Washington, D. C.*  
 Weaver, Robert R., *Pleasantville, N. J.*

Weeks, Arthur D., *Carlisle, Pa.*  
 Weeks, Arthur W., Jr., *York, Pa.*  
 Weems, Don B., Jr., *Wenonah, N. J.*  
 Weiland, Nancy B., *Gettysburg, Pa.*  
 Weitzel, William J., *Harrisburg, Pa.*  
 Wertman, Nancy L., *Delano, Pa.*  
 Wickerham, Eleanor M., *Gettysburg, Pa.*  
 Williams, Donald D., *Hanover, Pa.*  
 Williams, Harry E., *Havertown, Pa.*  
 Williams, Lt. John, *Gettysburg, Pa.*  
 Winter, Patricia A., *Gettysburg, Pa.*  
 Wishard, William N., *York, Pa.*

Yingst, H. Sheldon, *Hummelstown, Pa.*  
 Yoder, James Alvin, *Cumberland, Md.*  
 Zaccano, Joseph P., Jr., *Paxtang, Pa.*

## *Students Not Candidates for a Degree*

LOIS DEHLS ALENSON  
 JAY PAUL BROWN  
 ROBERT PHILIP HENRY  
 ELMER JAMES JOHNSON  
 VERNON M. LYONS  
 ROBERT JACOB PLARR

## *Post Graduate Students 1952-53*

MARY LOUISE CLOUSER  
 ANGEL FRANCO  
 FREDERICK PHILLIP HAEHNLEN  
 ROBERT LYNK JONES  
 ROBERT LEE KAUFMAN  
 FLOYD H. McKEAND, JR.  
 PHYLLIS FOSTER SMITH  
 RICHARD FINN TOMASSON  
 MARTIN LUTHER WARNER  
 IDA HARRISON WASHINGTON

## *Summary*

### *Students in College First Semester 1952-53*

	MEN	WOMEN	TOTAL
Seniors	210	52	262
Juniors	211	74	285
Sophomores	206	66	272
Freshmen	267	69	336
Special Students	12	4	16
	<hr/>	<hr/>	<hr/>
	906	265	1171

*Geographical Distribution of Students*

STATE	STUDENTS
Pennsylvania	677
New Jersey	233
New York	116
Maryland	92
Washington, D. C.	12
Other States	41

# Commencement 1952

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June 1

*Commencement Speaker* /

MAJOR GENERAL MILTON C. BAKER

*Bachelor of Arts*

Richard Saleem Abbott	Arthur Roger Bradley
Robert Clarence Altland	Ellen Lee Welsh Braunschweig
**Samuel Ellis Andrew	George Walter Brenholtz
Kenneth James Andrews	Charles Lewis Starr Brennan, Jr.
*Robert Miller Ansel	Thomas Chester Bright
David John Asch	Henry Kendrick Brown
Kenneth Wilson Aungst	Richard Alfred Cadmus
Richard Martin Bacik	John Romano Cervino
Thomas William Bailey	William Keith Chapman
Richard Glenn Barkhouser	John Winthrop Clark
Lloyd John Barnes	Earl Mahlon Clarke
Frank Henry Barranco	Elizabeth Adele Clement
Richard Lewis Barrick	Karl Danner Clouser
Jeanne Elizabeth Beaver ✓	Eugene Elmer Coder
Rodney Blaine Beck	Joseph Anthony Compagnone
Martin McHale Beckner	William Harrison Conner, Jr.
*Henry Selig Belber, II	Kenneth Clarence Cramer
Charles Benjamin Bender, Jr.	John Edward Cromwell
Newton Wesley Bennett, III	Alice Keck Davies
Raymond Carl Best	Joseph Stanton Day
**Joseph Bernard Biros	Robert Bouck Dellabough
Robert Kemper Bitner	Clino Gustav DiSimone
LeRoy Frank Bixby	Samuel Gaetan DeSimone
Margaret Harriet Blanchard ✓	Robert Edward deVries
William Adolph Blose	Ruth Ann Dickey
George Stanley Blymire, Jr.	Thomas Francis Dillon
Albert Dakin Bond	Dean Nevin Dubbs
James Frank Boynton	Daniel Gilbert Ebbert
Marianne Bracey ✓	Bruce Donald Ellsworth

\*Completed requirements August 29, 1951

\*\*Completed requirements January 29, 1952

Robert Joseph Emery  
 Patricia Ann Emlet  
 Dean Roy Erdman  
 George Harold Fandrick  
 Priscilla Ann Fausold  
 Howard Leonard Feltman  
 \*\*Eugene Edwin Fernekes  
 \*\*James Rodney Fickel, Jr.  
 Eugene Lewis Fluharty  
 \*Jacques Constant Bennebroek Forbes  
 Elizabeth Ann Foster  
 Howell Samuel Foster, Jr.  
 \*Rafael Luis Franco  
 Earl Martin Fritz  
 Harold Newman Frock  
 Carol Yvonne Fuhro  
 Harry Charles Gardner  
 Irvin Henry Gardner  
 Kenneth Victor Gardner  
 Daniel Jack George  
 Richard Brown Gibson  
 \*William James Gilbert  
 Ruth Ballantyne Gladfelter  
 Wilbert Eugene Gladfelter  
 Ruth Ann Goff  
 Alexander Henry Wright Griest  
 Virginia Hall  
 George Thomas Hare  
 John William Harford  
 \*Virgil Rudolph Hartman  
 Gertrude Margaret Hartmann  
 Elwood Emerick Hauver  
 John James Henderson  
 Barbara Ann Hendley  
 \*\*Patricia Dawn Lingenfelter Highby  
 Herbert Stuart Hinman  
 Barbara Hislop  
 Frederick Bikle Hoenniger  
 \*John Kennedy Holland  
 \*Richard Leon Holler  
 William Lawrence Howe  
 James Dana Hughes  
 Susan Buckland Hunsberger  
 William Alvin Hunter  
 Robert David Hurley

\*\*William Coleman Imhoff  
 Robert Warren Johnson  
 Marion Markle Jones  
 Robert Lynk Jones  
 Stanley Robert Joseph  
 Frank Joseph Kabot  
 \*Doris Jean Karas  
 \*Douglas Millard Kauffman  
 Robert Lee Kaufman  
 \*William Henry Keetley, III  
 William Paul Keiser  
 David Hersh Keller, Jr.  
 Walter Joseph Kennedy, Jr.  
 Thomas Anthony Kerrigan  
 Lois Marilyn Kerstetter  
 Thomas Douglas Ketterman  
 Robert Daniel King  
 Lois Ann Kipsey  
 \*John Burt Kline, Jr.  
 Janet Schweitzer Kloter  
 George Washington Knapp  
 Bruce Milton James Knauss  
 Janet Norbeth Knecht  
 Richard Scoville Krissinger  
 \*\*Ernest John Kruse  
 \*\*Robert Malcolm Laird, Jr.  
 \*Stanley Lenhart Landis  
 \*Dale Russell Lau  
 Theodore Lazorishak  
 James Bernard Leckrone  
 Ronald Jay Leib  
 \*John Calvin Leidy  
 John Nicholas Lenker  
 George Levendis  
 Grenville Lewis, III  
 Scott West Lippincott  
 William Dixon Lockwood  
 John Douglas Logan  
 \*John Harry Loose  
 Genevieve Marie Lotz  
 John Raymond Lovell, II  
 Raymond Joseph Lowe  
 \*Hunter Colby McClure  
 Lee Alton McDaniel  
 Hugh Alexander McGaughy

\*Completed requirements August 29, 1951

\*\*Completed requirements January 29, 1952

- Peter Forrest MacGhee  
 Frederick Mahan  
 Thomas Minshall Malin, Jr.  
 George Henry Mangels  
 Earl Haverly Markee, Jr.  
 Howard Bowden Maxwell  
 Edward Joseph Mehring  
 Glenn James Meisenhelter  
 Frederick Robert Melhorn
- \*\*Leslie Mather Michener✓  
 Marguerite Jane Mickley✓  
 Elwood Harold Miller, Jr.  
 Max Eugene Miller  
 Robert Clay Mitman  
 JoAnn Huber Mohr✓  
 Carey Armstrong Moore, Jr.
- \*\*Hollis Leroy Muller, Jr.  
 \*Robert Marion Murphy  
 Richard Paul Noll  
 Gene Scott Norris  
 Charles Martin Luther Oberkehr  
 Edwin Nerses Partikian  
 Leonard Anthony Perfetti, Jr.  
 Robert Lawrence Pillote  
 Alice Plank
- \*Milton Andrew Plantz  
 George Nelson Proctor, Jr.  
 Margaret Joanne Pursel✓  
 \*Jane Marie Ramer  
 Robert Warren Ramsay  
 \*Bernard Otto Raphael  
 Bertram Scardale Reed, Jr.  
 Walter Albert Reimann  
 Milan Resanovich  
 Harry Aaron Reynolds, Jr.  
 William Francis Richardson, III  
 \*Albert Davis Risley, Jr.  
 \*Charles Alexander Ritter, Jr.  
 Earl Lawrence Romesberg  
 Dorothy Jane Rommel  
 Joseph John Rose
- \*\*Creston Jay Rosenberry  
 Gerald Earl Royals  
 \*\*Janet Leibfried Royals  
 Charles Henry Ruby
- \*William Rumohr  
 Dante Virgil Scalzi  
 ✓Marilyn Louise Schaad  
 Arthur Ellsmore Schiller, Jr.  
 Frederick William Schmitt, Jr.  
 Robert August Schoen  
 Robert Roy Schweizer  
 James Elliott Schwering, Jr.  
 Richard Edward Scott  
 Harry Russell Seipel  
 Elaine Catherine Serfass
- \*James Wallace Shaner  
 Joseph Smith Shaul  
 \*\*Cynthia Laux Shearer  
 William Franklyn Shuler  
 Richard Frank Simeone  
 Joanne Ruth Slifer  
 Francis Gerard Small  
 George Edwin Smeltz, Jr.  
 Edward Charles Smith  
 Hubert Coulson Smith  
 Geraldine Louise Snavelly  
 Jacquelyn Mae Sneider  
 Lee Elwood Snook  
 John Russell Sohnleitner
- \*\*John Gilbert Soult  
 Lowell Martin Sowers, Jr.  
 Clyde Herbert Spangler  
 Robert Levi Stepler, Jr.  
 Edgar Black Sterrett, Jr.  
 Charles Andrew Swain, III  
 James Irving Tarman
- \*\*Charles Clinton Taylor  
 Earle Forney Taylor, Jr.  
 Paul Edson Taylor  
 Robert Gates Taylor  
 Joseph Domenick Tedeschi, Jr.  
 Frederick Keller Teeter  
 Richard Joseph Terenzini  
 David Edward Thomas  
 Richard Davis Thomas  
 Richard Dean Thomas
- \*Lyman Leslie Thompson  
 Thalia Suzanne Tichenor  
 Robert Howard Tooker

\*Completed requirements August 29, 1951

\*\*Completed requirements January 29, 1952

Robert Harry Trone	Fred Ritter Wilhide
Stewart Voorhies Veale	*Elizabeth Jayne Wohlfarth
Byron Ashby Wagener	**David Walker Woods
*Donald McKinley Wallace	James Richard Woods, Jr.
Cleaston Frank Warner	Theodore Bruce Woutersz
Martin Luther Warner	Jacob Matthias Yingling
Warren Richard Watson	John Landis Yoder
Donald Eugene Weaver	*Dwight Irvin Young
Frederick Piersol Weidner, Jr.	Donald Reed Zeller
Frederick George Weisser, Jr.	Earl Will Zellers
Frank Louis Whittaker	Richard Laverne Zinn

Degrees With Distinction

Summa Cum Laude

Stewart Voorhies Veale	Marion Markle Jones
------------------------	---------------------

Magna Cum Laude

Frank Henry Barranco	Richard Brown Gibson
Karl Danner Clouser	Wilbert Eugene Gladfelter
Robert Roy Schweizer	

Cum Laude

Howell Samuel Foster, Jr.	Marguerite Jane Mickley
Harold Newman Frock	Carey Armstrong Moore, Jr.
Ruth Ballantyne Gladfelter	Lee Elwood Snook
Hugh Alexander McGaughy	James Irving Tarman
Robert Harry Trone	

Valedictorian

Stewart Voorhies Veale

Salutatorian

Marion Markle Jones

Highest Class Honors

Hugh Alexander McGaughy	Robert Roy Schweizer
Stewart Voorhies Veale	

\*Completed requirements August 29, 1951

\*\*Completed requirements January 29, 1952

*Class Honors*

## SENIOR

Richard Saleem Abbott  
 Richard Glenn Barkhouser  
 Frank Henry Barranco  
 Marianne Bracey  
 Ellen Lee Welsh Braunschweig  
 Karl Danner Clouser  
 Eugene Elmer Coder  
 Patricia Ann Emlet  
 Howell Samuel Foster, Jr.  
 Harold Newman Frock  
 Carol Yvonne Fuhro  
 Richard Brown Gibson

Wilbert Eugene Gladfelter  
 Marion Markle Jones  
 Douglas Millard Kauffman  
 Marguerite Jane Mickley  
 JoAnn Huber Mohr  
 Carey Armstrong Moore, Jr.  
 Richard Paul Noll  
 Lee Elwood Snook  
 Robert Harry Trone  
 Martin Luther Warner  
 Donald Eugene Weaver  
 Frederick George Weissner, Jr.

*Highest Class Honors*

## JUNIOR

William Herbert Clement

*Class Honors*

## JUNIOR

Charles Anthony Bublin  
 Margaret Alice Carr  
 Charlotte Fell Darlington  
 Jane Enaire Deardorff  
 David Codrington Hamme  
 Gladys Louise Hicks  
 Eugene Russell Kline  
 Frederick Harry Segner

Joann Shelley Sierer  
 Thomas Frederick Sinn  
 Jean Carolyn Sloop  
 Howard Woodrow Smith  
 Albert Miller Stock  
 Rose Marie Swisher  
 Arthur Gilbert Trudeau, Jr.  
 Alexander Paul Von Schlichten

Jeanne Frances Waltemyer

*Class Honors*

## SOPHOMORE

Mary Catherine Albaugh  
 Winona Jane Drennen  
 Dolores Aileen Elwood  
 Barbara Ann Erb  
 Robert Michael Gemmill  
 Jacqueline May Harvey  
 Anita Margit Holmsten  
 Earl Rudisill Humbert  
 Dorothy Lucile Jordan

Mary Elissa Kauffman  
 Faye Elsa Luckenbill  
 Gladys Arlene Weirick Owen  
 Juliet Audrey Rawlings  
 Don Franklin Ryder, Jr.  
 Helen-Ann Souder  
 Adrian Saltzman Weyn  
 Nina Jane Williams  
 Patricia Ann Woodward

*Class Honors*

## FRESHMAN

Phyllis Eleanor Berger	Marilyn Elizabeth Huzzard
Patricia Ann Brennan	Susan Christina Jakl
Patricia Crane	William Gerard Laurita
Alice May Guise	Edward Alfred Livingston
Cynthia A. Frolen	Rita Laura Lopez
Joseph Samuel Georgiana	James Francis Megee, Jr.
Joan Frances Goss	Colin Franklin Newhaus
Miriam Joyce Greenawalt	Clara Jane Rogers
Nancy Ruth Henry	Gunter Adam Schaab
Marjorie Arlene Worth	

*Departmental Final Honors**In Biology*

Wilbert Eugene Gladfelter  
Marguerite Jane Mickley  
Robert Roy Schweizer

*In Chemistry*

Frank Henry Barranco

*In Economics*

Richard Brown Gibson  
Stewart Voorhies Veale  
Frederick George Weisser, Jr.

*In English*

Richard Glenn Barkhouser

*In Greek*

Carey Armstrong Moore, Jr.

*In History*

Ruth Ballantyne Gladfelter

*In Latin*

Marion Markle Jones

*In Mathematics*

Ruth Ann Goff  
Patricia Ann Emlet  
Thalia Suzanne Tichenor

*In Physics*

Harold Newman Frock

*In Spanish*

JoAnn Huber Mohr

*Seniors Elected to Phi Beta Kappa*

Richard Glenn Barkhouser  
Frank Henry Barranco  
Karl Danner Clouser  
Howell Samuel Foster, Jr.  
Harold Newman Frock  
Richard Brown Gibson  
Ruth Ballantyne Gladfelter  
Wilbert Eugene Gladfelter

Marion Markle Jones  
Hugh Alexander McGaughy  
Marguerite Jane Mickley  
Carey Armstrong Moore, Jr.  
Robert Roy Schweizer  
Lee Elwood Snook  
James Irving Tarman  
Robert Harry Trone

Stewart Voorhies Veale

## *Seniors in Gettysburg Honor Society*

Karl Danner Clouser  
 Eugene Elmer Coder  
 Harold Newman Frock  
 Richard Brown Gibson  
 Barbara Ann Hendley  
 Marion Markle Jones  
 William Paul Keiser  
 Lois Marilyn Kerstetter  
 Bruce Milton James Knauss  
 James Bernard Leckrone  
 Howard Bowden Maxwell

Carey Armstrong Moore, Jr.  
 Edwin Nerses Partikian  
 Milan Resanovich  
 Janet Leibfried Royals  
 Lee Elwood Snook  
 Edgar Black Sterrett, Jr.  
 Charles Andrew Swain, III  
 James Irving Tarman  
 David Edward Thomas  
 Thalia Suzanne Tichenor  
 Stewart Voorhies Veale

## *Prizes*

### *Air Force Association Prize*

John Winthrop Clark

### *Association of the United States Army Prize*

Arthur G. Trudeau, Jr.

### *Baum Mathematical Prize*

Mary Catharine Albaugh

### *With Honorable Mention*

Donald Eugene Zerby

### *Beachem Award*

Eugene Elmer Coder

### *Brotherhood Award*

Robert Tyson Manley

### *Class of 1916 Prize*

Winona Jane Drennen

### *Delta Gamma Alumnae Association Award*

Jean Carolyn Sloop

### *Delta Phi Alpha Prize*

Robert Roy Schweizer

### *Fisher Award*

Robert Albert Pizolato

### *Garver Greek Prize*

Earl Rudisill Humbert

### *Garver Latin Prize*

Colin Franklin Neuhaus

### *Hamme Award*

Jeanne Frances Waltemyer

### *Hanson Award*

Newton Wesley Bennett

### *Hassler Latin Prize*

Anna Lorraine Hartman

### *Heimer Scholarship Award*

Alan Harold Hershberger

### *Military Memorial Prizes*

Philip P. Leadbetter

### *Moore Award*

Stewart Voorhies Veale

### *Nicholas Bible Prize*

Carey Armstrong Moore, Jr.

### *Phi Sigma Iota Prize*

Marianne Bracey

Carol Yvonne Fuhro

### *Sceptical Chymists Prize*

Robert Lynk Jones

Mary Catharine Albaugh

### *Stine Chemistry Prize*

Dean Roy Erdman

Glenn James Meisenhelter

### *Weaver Scholarship Foundation*

Reed Cutler Gerard

### *Zimmerman Senior Prize*

Stewart Voorhies Veale

## UNITED STATES ARMY COMMISSIONS

Commissioned as Second Lieutenants in the Organized Reserve Corps,  
Army of the United States

**Richard S. Abbott	Brewster L. Locke
†Kenneth W. Aungst	†John R. Lovell, II
Albert D. Bond	†Raymond J. Lowe
George W. Brenholtz	Thomas M. Malin, Jr.
Thomas C. Bright	†Richard P. Noll
†Eugene E. Coder	**William F. Richardson
Samuel G. DeSimone	**Gerald E. Royals
Robert E. deVries	George E. Smeltz, Jr.
†Howard L. Feltman	Lowell M. Sowers, Jr.
**Thomas P. Gearey	Robert G. Taylor
William A. Hunter	Stewart V. Veale
**Robert D. Hurley	Cleaston F. Warner
†David H. Keller	Frank L. Whittaker
Philip P. Leadbetter	†William T. Bailey
†George Levendis	James E. Schwering, Jr.

## UNITED STATES AIR FORCE COMMISSIONS

Commissioned as Second Lieutenants in the United States Air Force Reserve

Robert C. Altland	George H. Mangels
*James F. Boynton	Earl H. Markee, Jr.
Arthur R. Bradley	Herbert G. May
William K. Chapman	*Hugh A. McGaughy
John W. Clark	Glenn J. Meisenhelter
*K. Danner Clouser	Bertram S. Reed, Jr.
William H. Conner, Jr.	*Milan Resanovich
Howard S. DeCamp	*Joseph J. Rose
Brian H. FitzPatrick	Robert A. Schoen
Reed C. Gerard	Howard P. Smith
Daniel J. George	Hubert C. Smith
*Richard B. Gibson	*Edgar B. Sterrett, Jr.
Elwood E. Hauver	*James I. Tarman
Frederick B. Hoenniger	Joseph D. Tedeschi, Jr.
Charles A. Keech	Richard Davis Thomas
Robert D. King	Richard Dean Thomas
George W. Knapp	Byron A. Wagener
*Richard S. Krissinger	Donald E. Weaver
John N. Lenker	Frederick P. Weidner, Jr.
William D. Lockwood	Fred R. Wilhide
Frederick Mahan	Richard L. Zinn

\*Distinguished Military Graduates

†To be commissioned upon completion of Summer Camp 1 August 1952

\*\*Distinguished Military Graduates to be commissioned in Regular Army

*Honorary Degrees**Doctor of Divinity*

John Henry August Borleis

Frank Herbert Shimer

Seibert Lee Hench

*Doctor of Pedagogy*

Milton Herman Medenbach

*Doctor of Letters*

John Ward Ostrom

*Doctor of Science*

John Royal Moore

Frederick William Sunderman

*Doctor of Laws*

Alfred Hector Williams

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# Gettysburg College Bulletin



CATALOG NUMBER

# Gettysburg College Bulletin

*Formerly Pennsylvania College  
Founded in 1832*

REGISTER FOR 1953 - 1954  
ANNOUNCEMENT OF COURSES 1954 - 1955

*Vol. XLIV . February, 1954 . No. 2*

GETTYSBURG COLLEGE  
GETTYSBURG, PENNSYLVANIA

The provisions of this bulletin are not to be regarded as an irrevocable contract between the College and the student. The College reserves the right to change any provision or requirement at any time, but its practice is to make no provisions retroactive.

*Published in January, February, March, April, June,  
October, December*

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# *Foreword*

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## *Educational Objectives of Gettysburg College*

Gettysburg College is dedicated to the task of developing Christian character. As a Christian college closely related to the church, it seeks to provide intellectual, spiritual, social, and physical development of its students in accordance with recognized principles and practices of higher education and in conformity with the religious and moral principles of Christianity. Its faculty and students have been selected with this fundamental idea in mind. The result is that Gettysburg College is a small, independent, campus college providing a setting in which students may develop habits of industry, integrity, cooperation and conscientiousness.

Education must always center in the acquisition of knowledge, the training of the intellect, the development of character, and the enrichment of life. Gettysburg College seeks to attain these objectives through a well-rounded program. Specifically its objectives may be stated as follows:

First, to emphasize in the mind of the student the importance of the Christian faith as an integrating force in his life; to help him realize that education without religion is inadequate.

Second, to provide for the student a broad cultural development, to stimulate his intellectual development, and to aid him in forming a sound philosophy of life.

Third, to lead him to explore the vast fields of the physical sciences, the social studies, philosophy, language, literature, and religion, and to help him discover the relevance of our accumulated knowledge to the formation of his own interests, principles, and ideals; to give him an informed and vital appreciation of beauty as it is represented in the expressive and creative arts; and to train him in the social graces and in the ability to live harmoniously and happily with others.

Fourth, to train him in the spirit and the technique of research, so as to enable him to continue successfully his efforts toward the mastery of his chosen subject in the professional or graduate schools or in industrial research.

Fifth, to challenge him to a great loyalty to American institutions and ideals; to develop in him a deep sense of social and civic responsibility; to help him realize that in a democracy the very foundation of national life is an intelligent and dedicated citizenry—a citizenry which knows that every privilege enjoyed under the institutions of our society is matched by corresponding responsibilities.

Sixth, to give careful attention to his physical well-being; to emphasize the importance of a sound body as a framework for a sound mind and a happy spirit; to educate him, partly through the extracurricular program of the college, in the correct use of leisure time and in recognition of the value of all recreational activities.

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# CALENDAR FOR 1953-1954-1955

Session days are indicated by bold-face type.

## 1953

### SEPTEMBER

S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
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27	28	29	30			

### OCTOBER

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### NOVEMBER

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29	30					

### DECEMBER

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## 1954

### JANUARY

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31						

### FEBRUARY

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### MARCH

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### APRIL

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### JUNE

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### JULY

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### AUGUST

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### SEPTEMBER

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### OCTOBER

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### NOVEMBER

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### DECEMBER

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## 1955

### JANUARY

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### FEBRUARY

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### MARCH

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### APRIL

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### MAY

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### JUNE

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### JULY

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### AUGUST

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14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

# COLLEGE CALENDAR

1953-1954

1953	REGULAR SESSION
<i>September 14 to 17</i>	<i>Monday to Thursday, Orientation Week and Registration.</i>
<i>September 17</i>	<i>Thursday, Formal Opening Exercises.</i>
<i>September 18</i>	<i>Friday, 8:00 A.M., Beginning of classes.</i>
<i>November 25 to 30</i>	<i>Wednesday, Noon, to Monday, 8:00 A.M., Thanksgiving Recess.</i>
<i>December 16</i>	<i>Wednesday Noon, Beginning of Christmas Recess.</i>
1954	
<i>January 4</i>	<i>Monday, 8:00 A.M., End of Christmas Recess.</i>
<i>January 18 to 28</i>	<i>Monday through Thursday, Examinations.</i>
<i>February 1</i>	<i>Monday, Registration of New Students.</i>
<i>February 2</i>	<i>Tuesday, 8:00 A.M., Beginning of Second Semester.</i>
<i>February 8 to 10</i>	<i>Monday through Wednesday, Religion-in-Life Week.</i>
<i>March 12 to 14</i>	<i>Friday through Sunday, Interfraternity Week.</i>
<i>April 14</i>	<i>Wednesday, 8:00 A.M., Beginning of Easter Recess.</i>
<i>April 21</i>	<i>Wednesday, 8:00 A.M., End of Easter Recess.</i>
<i>April 26 to 29</i>	<i>Monday through Thursday, Senior Comprehensive Examinations.</i>
<i>May 1 and 2</i>	<i>Saturday and Sunday, Mother's Day.</i>
<i>May 18</i>	<i>Tuesday, Spring Registration.</i>
<i>May 21 to May 29</i>	<i>Friday through Saturday, Examinations.</i>
<i>June 4</i>	<i>Friday, Alumni Council Dinner.</i>
<i>June 5</i>	<i>Saturday, Noon, Alumni Collation.</i>
<i>June 6</i>	<i>Sunday, 9:00 A.M., Commissioning of ROTC Graduates.</i>
	<i>Sunday, 10:30 A.M., Baccalaureate Exercises.</i>
	<i>Sunday, 2:30 P.M., Commencement Exercises.</i>
1954	SUMMER SESSION
<i>June 9</i>	<i>Wednesday, Registration. 9:00 A.M.-12:00 M. Organization of classes 1:30-3:30 P.M.</i>
<i>July 5</i>	<i>Monday, Holiday.</i>
<i>July 16</i>	<i>Friday, End of First Session.</i>

# COLLEGE CALENDAR

1954-1955

July 19  
August 27

Monday, Beginning of Second Session.  
Friday, End of Second Session.  
Saturday Classes, June 12, 19 and July 10.

1954

September 13 to 16

REGULAR SESSION  
Monday to Thursday, Orientation Week and Registration.

September 16

Thursday, Formal Opening Exercises.

September 17

Friday, 8:00 A.M., Beginning of classes.

September 22

Wednesday, College Communion.

October 9 and 10

Saturday and Sunday, Father's Day.

October 23

Saturday, Alumni Homecoming.

November 24 to 29

Wednesday, Noon, to Monday, 8:00 A.M., Thanksgiving Recess.

December 17

Friday Noon, Beginning of Christmas Recess.

1955

January 3

Monday, 8:00 A.M., End of Christmas Recess.

January 17 to 27

Monday through Thursday, Examinations.

January 31

Monday, Registration of New Students.

February 1

Tuesday, 8:00 A.M., Beginning of Second Semester.

February 7 to 9

Monday through Wednesday, Religion-in-Life Week.

March 11 to 13

Friday through Sunday, Interfraternity Week.

March 19

Saturday, Competitive Examinations.

April 6

Wednesday, 8:00 A.M., Beginning of Easter Recess.

April 13

Wednesday, 8:00 A.M., End of Easter Recess.

April 25 to 27

Monday through Wednesday, Senior Comprehensive Examinations.

April 30 and May 1

Saturday and Sunday, Mother's Day.

May 14

Saturday, Orientation Examinations.

May 17

Tuesday, Spring Registration.

May 23 to June 1

Monday through Wednesday, Examinations.

June 3

Friday, Alumni Council Dinner.

June 4

Saturday, Noon, Alumni Collation.

June 5

Sunday, 9:00 A.M., Commissioning of ROTC Graduates.

Sunday, 10:30 A.M., Baccalaureate Exercises.

Sunday, 2:30 P.M., Commencement Exercises.

## *Board of Trustees*

<i>First Elected</i>		<i>Term Expires</i>
1923	HENRY W. A. HANSON, D.D., LL.D., Harrisburg	1957
1929	CHARLES M. A. STINE, PH.D., Sc.D., LL.D., <i>Chairman Emeritus</i> , Wilmington	
1932	JOHN H. BEERITS, Somerset	1955
1932	HARRY H. BEIDLEMAN, D.D., Hanover	1955
1932	AMOS E. TAYLOR, PH.D., Washington, D. C.	1959
1935	C. WILLIAM DUNCAN, Philadelphia	1959
1937	CLYDE E. GERBERICH, Mount Joy	1954
1937	THE HONORABLE HIRAM H. KELLER, LL.D., <i>Chairman</i> , Doylestown	1954
1939	EDWARD W. FURST, Swarthmore	1957
1939	WILLIAM J. MILLER, JR., D.D., Philadelphia	1954
1939	THE HONORABLE JOHN STANLEY RICE, <i>Vice Chairman</i> , Gettysburg	1956
1940	WILLIAM H. PATRICK, JR., <i>Secretary</i> , Philadelphia	1958
1941	RICHARD C. WETZEL, Reading	1959
1941	CHARLES B. MCCOLLOUGH, Detroit	1959
1945	CLARENCE L. S. RABY, Pd.D., <i>Alumni Representative</i> , Philadelphia	1954
1946	CLARENCE A. WILLS, Gettysburg	1958
1947	MRS. CHARLES W. BAKER, JR., Duquesne	1954
1948	WILLIAM H. SANDLAS, Baltimore	1954
1948	CHESTER S. SIMONTON, D.D., York	1954
1949	PAUL R. SIEBER, M.D., Pittsburgh	1955
1949	L. RALPH TABOR, D.D., <i>Alumni Representative</i> , Baltimore	1955
1950	MRS. AUSTIN FELLEBAUM, <i>Alumni Representative</i> , Lancaster	1956
1951	ARTHUR HENDLEY, <i>Alumni Representative, Assistant Secretary</i> , Baltimore	1957
1952	WALTER CONSUELO LANGSAM, PH.D., LL.D., Gettysburg	
1952	JOHN A. APPLE, Sunbury	1958
1952	W. EMERSON GENTZLER, <i>Alumni Representative</i> , New York	1958
1952	LESTER GINGERICH, Pittsburgh	1958
1953	PAUL H. RHOADS, <i>Alumni Representative</i> , Harrisburg	1959
	THE GETTYSBURG NATIONAL BANK, <i>Treasurer</i>	

## *Standing Committees of the Board*

---

*Executive Committee:* JOHN S. RICE, *Chairman*; CLARENCE A. WILLS, *Vice Chairman*; WILLIAM H. PATRICK, JR., *Secretary*; EDWARD W. FURST, CHARLES B. MCCOLLOUGH, AMOS E. TAYLOR, RICHARD C. WETZEL.

*Finance Committee:* EDWARD W. FURST, *Chairman*; AMOS E. TAYLOR, *Vice Chairman*; WILLIAM H. PATRICK, JR., *Secretary*; JOHN A. APPLE, W. EMERSON GENTZLER, RICHARD C. WETZEL, CLARENCE A. WILLS.

*Buildings and Grounds Committee:* WILLIAM H. SANDLAS, *Chairman*; JOHN A. APPLE, *Vice Chairman*; MRS. AUSTIN FELLENBAUM, LESTER GINGERICH, CLARENCE L. S. RABY, JOHN S. RICE, RICHARD C. WETZEL, CLARENCE A. WILLS.

*Infirmiry Committee:* PAUL R. SIEBER, *Chairman*; MRS. AUSTIN FELLENBAUM, *Vice Chairman*; JOHN H. BEERITS, CLYDE E. GERBERICH, ARTHUR HENDLEY, PAUL H. RHOADS.

*Religious Activities Committee:* CHESTER S. SIMONTON, *Chairman*; L. RALPH TABOR, *Vice Chairman*; MRS. CHARLES W. BAKER, JR., HARRY H. BEIDLEMAN, HENRY W. A. HANSON, WILLIAM J. MILLER, JR.

*Fraternities Committee:* CLARENCE L. S. RABY, *Chairman*; MRS. AUSTIN FELLENBAUM, *Vice Chairman*; JOHN A. APPLE, ARTHUR HENDLEY, PAUL H. RHOADS.

*By-Laws Committee:* PAUL H. RHOADS, *Chairman*; WILLIAM H. PATRICK, JR., JOHN S. RICE.

*Hanson Foundation Committee:* RICHARD C. WETZEL, *Chairman*; EDWARD W. FURST, WILLIAM H. PATRICK, JR., WILLIAM H. SANDLAS, ALUMNI PRESIDENT, ALUMNI SECRETARY.

*Synod Relations Committee:* CHESTER S. SIMONTON, *Chairman*; MRS. CHARLES W. BAKER, JR., W. EMERSON GENTZLER, JOHN S. RICE, L. RALPH TABOR.

*Field House Committee:* C. WILLIAM DUNCAN, *Chairman*; CHARLES B. MCCOLLOUGH, *Vice Chairman*; CLYDE E. GERBERICH, LESTER GINGERICH, ARTHUR HENDLEY, CLARENCE L. S. RABY, JOHN S. RICE.

*Representative to Advisory Committee on Athletics:* CLARENCE L. S. RABY.

*Pensions Committee:* JOHN S. RICE, *Chairman*; EDWARD W. FURST, CHARLES B. MCCOLLOUGH, CLARENCE A. WILLS.

*Ex-Officio Members of All Committees*

PRESIDENT OF THE COLLEGE  
CHAIRMAN OF THE BOARD OF TRUSTEES

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B.S., *The College of the City of New York*; A.M., Ph.D., *Columbia University*;  
LL.D., *Gettysburg College* and *Bucknell University*.

HENRY W. A. HANSON

*President Emeritus*

A.B., A.M., *Roanoke College*; B.D., *Gettysburg Theological Seminary*; D.D.,  
*Gettysburg College*; LL.D., *Bucknell University*, *Lafayette College*, and *Wittenberg College*.

EDWERTH E. KORTE

*Chaplain*

A.B., *Gettysburg College*; B.D., *Gettysburg Theological Seminary*.

C. PAUL CESSNA

*Alumni Secretary*

A.B., A.M., *Gettysburg College*.

JAMES I. TARMAN

*Director of Public Relations*

A.B., *Gettysburg College*.

ROSE MARIE SWISHER

*Secretary to the President*

A.B., *Gettysburg College*.

ROSEA B. ARMOR

*Secretary to the Alumni Secretary*

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*Dean of the College*

A.B., *Bethany College*; A.M., *University of Kansas*; Ph.D., *University of Wisconsin*.

CHARLES R. WOLFE

*Dean of Admissions and Registrar*

A.B., A.M., *Gettysburg College*.

MARTHA STOREK

*Dean of Women*

A.B., *Connecticut College*; Ph.D., *Bryn Mawr College*.

ROBERT H. FRYLING

*Dean of Men*

A.B., Gettysburg College; M.S., University of Pittsburgh.

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*Guidance Counselor*

A.B., Bucknell University; A.M., Ph.D., University of Pittsburgh.

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*Librarian*

A.B., A.M., Columbia University.

WILLIAM C. DARRAH

*Director of Adult Education*

B.S., University of Pittsburgh.

JOHN SHELDON

*Assistant Librarian*

B.S., Wilmington College; B.S.L.S., Western Reserve University.

DOROTHY J. RIDDAGH

*Assistant Librarian*

A.B., Wilson College; B.S.L.S., Drexel Institute, School of Library Science.

MILDRED H. HARTZELL

*Assistant to the Dean of the College*

B.S., Gettysburg College.

RUTH S. GROFT

*Recorder*

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RICHARD C. DEBUS

*Business Manager*

B.S., Wagner College; M.B.A., New York University.

NELSON J. GROFT

*Superintendent of Buildings and Grounds*

ELIZABETH PENNINGTON

*Dining Hall Manager*

B.S., University of Toronto.

GEORGE BOCK

*Bookstore Manager*

B.S., Columbia University.

RICHARD A. BROWN

*College Counsel*

A.B., Gettysburg College; LL.B., University of Pennsylvania.

## HEALTH

JOSEPH J. BAKER

*Medical Director**A.B., Gettysburg College; M.D., Temple Medical School.*

CHESTER G. CRIST

*Medical Director Emeritus**M.D., Medico Chi of Philadelphia.*

JANE MARSDEN, R.N.

*Head Nurse**B.S., Wagner College.*

ANN MERROW, R.N.

*Nurse*

BEULA SHARK, R.N.

*Nurse*

## HOUSEMOTHERS

WINIFRED F. CAMPBELL

LORETTA V. DEATRICK

ANNA F. GLAES

MARY HARSCH

*A.B., Gettysburg College.*

MAY H. SORRICK

# *The Faculty as of March 1, 1954*

---

WALTER C. LANGSAM, *President*

B.S., *The College of the City of New York*; A.M., PH.D., *Columbia University*;  
LL.D., *Gettysburg College* and *Bucknell University*.

WILBUR E. TILBERG, *Dean*

A.B., *Bethany College*; A.M., *University of Kansas*; PH.D., *University of Wisconsin*.

## PROFESSORS EMERITI

KARL J. GRIMM, *Professor of German, Emeritus*

PH.D., *The Johns Hopkins University*; LL.D., *Carthage College*.

CHARLES F. SANDERS, *Professor of Philosophy, Emeritus*

A.B., A.M., *Gettysburg College*; D.D., *Lafayette College*.

CLAYTON E. BILHEIMER, *Professor of Physical Education, Emeritus*

M.E., *Lehigh University*; A.M., *Columbia University*.

## PROFESSORS

\*RICHARD A. ARMS, *Alumni Professor of Mathematics and Director of Dramatics*

A.B., *Ursinus College*; PH.D., *University of Pennsylvania*.

\*FRANK H. KRAMER, *Professor of Education*

A.B., *Gettysburg College*; A.M., PH.D., *University of Pennsylvania*.

\*JOHN B. ZINN, *Ockershausen Professor of Chemistry*

B.S., *Gettysburg College*; PH.D., *The Johns Hopkins University*.

\*ROBERT FORTENBAUGH, *Adeline Sager Professor of History*

A.B., *Gettysburg College*; Graduate, *Lutheran Theological Seminary, Gettysburg*; A.M., *Syracuse University*; PH.D., *University of Pennsylvania*.

\*WILLIAM C. WALTEMYER, *Amanda Rupert Strong Professor of English Bible*

A.B., *Gettysburg College*; B.D., *Gettysburg Theological Seminary*; A.M., PH.D., *American University*.

\*Head of the Department.

- \*ALBERT BACHMAN, *Professor of Romance Languages*  
Ph.D., *University of Zurich*; Agrégation, *University of Zurich*; Ph.D., *Columbia University*.
- \*JOHN G. GLENN, *Pearson Professor of Latin*  
A.B., A.M., *Wesleyan University*; Ph.D., *Princeton University*.
- \*EARL BOWEN, *Dr. Charles H. Graff Professor of Biology*  
A.B., *Hendrix College*; A.M., Ph.D., *Harvard University*.
- \*WILLIAM K. SUNDERMEYER, *Professor of German*  
Ph.D., *University of Goettingen*.
- \*WILLIAM FREDERICK SHAFFER, *Franklin Professor of Greek*  
A.B., A.M., Ph.D., *Princeton University*.
- \*NORMAN E. RICHARDSON, JR., *William Bitteringer Professor of Philosophy*  
A.B., *Amherst College*; B.D., *Yale Divinity School*; Ph.D., *Yale University*.
- \*KENNETH L. SMOKE, *Professor of Psychology*  
A.B., A.M., Ph.D., *Ohio State University*.
- \*GEORGE S. WARTHEN, *Graeff Professor of English*  
A.B., A.M., *University of Virginia*; A.M., *Harvard University*; Ph.D., *The Johns Hopkins University*.
- \*PARKER B. WAGNILD, *Professor of Music*  
A.B., *St. Olaf College*; M.S.M., *Union Theological Seminary*; B.D., *Gettysburg Theological Seminary*; A.M., *New York University*.
- \*MILTON L. STOKES, *Professor of Economics and Political Science*  
A.B., A.M., LL.B., *University of Toronto*; Ph.D., *University of Pennsylvania*.
- \*COL. CHARLES E. FULTON, *Professor of Air Science and Tactics*  
B.S., *Akron University*.
- \*LT. COL. WILLIAM M. LIPSEY, *Professor of Military Science and Tactics*  
B.S., *University of Alabama*.
- \*M. ESTHER BLOSS, *Professor of Sociology*  
A.B., *Cornell University*; A.M., Ph.D., *Columbia University*.
- \*HENRY T. BREAM, *Professor of Physical Education*  
B.S., *Gettysburg College*; A.M., *Columbia University*.
- \*HOWARD CHARLES LONG, *Professor of Physics*  
B.S., *Northwestern University*; Ph.D., *Ohio State University*.
- \*Head of the Department.

FRANCIS C. MASON, *Professor of English*

A.B., A.M., *University of Virginia*; A.M., *Harvard University*; PH.D., *University of Virginia*.

C. ALLEN SLOAT, *Professor of Chemistry*

B.S., *Gettysburg College*; A.M., *Haverford College*; PH.D., *Princeton University*.

### ASSOCIATE PROFESSORS

GEORGE R. LARKIN, *Associate Professor of Economics*

A.B., A.M., *Wesleyan University*.

HAROLD M. MESSER, *Associate Professor of Biology*

PH.B., *Brown University*; A.M., *Columbia University*.

FREDERICK C. AHRENS, *Associate Professor of German*

A.B., *University of Western Ontario*; A.M., PH.D., *Columbia University*.

HERBERT G. HAMME, *Associate Professor of Romance Languages*

A.B., *Dickinson College*; A.M., *Gettysburg College*.

GLENN S. WEILAND, *Associate Professor of Chemistry*

B.S., M.S., PH.D., *University of Maryland*.

LESTER O. JOHNSON, *Associate Professor of Education*

A.B., *St. Olaf College*; A.M., *University of Minnesota*.

WILLIAM D. HARTSHORNE, JR., *Associate Professor of Romance Languages*

A.B., A.M., *Haverford College*; *Diplôme de Professeur de français à l'étranger*, *Université de Toulouse*.

EARL E. ZIEGLER, *Associate Professor of Mathematics*

B.S., M.S., *Gettysburg College*.

HAROLD A. DUNKELBERGER, *Associate Professor of Bible*

A.B., *Gettysburg College*; B.D., *Lutheran Theological Seminary*; PH.D., *Columbia University*.

MARTHA STOREK, *Associate Professor of German*

A.B., *Connecticut College*; PH.D., *Bryn Mawr College*.

\*WARREN F. ROBINSON, *Associate Professor of Fine Arts*

B.F.A., M.F.A., *University of Georgia*.

CLARENCE BARTHOLOMEW, *Associate Professor of Health and Physical Education*

B.S., M.S., Ed.D., *University of Pennsylvania*.

\*Head of the Department.

## ASSISTANT PROFESSORS

<sup>1</sup>ANGEL FRANCO, *Assistant Professor of Spanish*

A.B., A.M., *University of Puerto Rico.*

JOSEPH K. WOLFINGER, *Assistant Professor of English*

A.B., *St. John's College*; A.M., *The Johns Hopkins University.*

HARRY F. BOLICH, *Assistant Professor of English*

A.B., A.M., *Bucknell University.*

HEINZ LANGERHANS, *Assistant Professor of Sociology*

PH.D., *University of Frankfurt.*

JOHN M. YOVICSIN, *Assistant Professor of Physical Education*

A.B., *Gettysburg College*; M.S., *University of Pennsylvania.*

CONWAY S. WILLIAMS, *Assistant Professor of Economics*

A.B., *Columbia University*; M.S., *Columbia School of Business.*

GRACE C. KENNEY, *Assistant Professor of Physical Education*

B.S., *New York University*; A.M., *Columbia University.*

CHESTER JARVIS, *Assistant Professor of Political Science*

A.B., A.M., *University of California.*

RICHARD SCHUBART, *Assistant Professor of Philosophy*

A.B., *Dartmouth College*; A.M., *Columbia University.*

PAUL R. BAIRD, *Assistant Professor of Economics*

A.B., A.M., *Pennsylvania State University.*

MARVIN M. HENSLEY, *Assistant Professor of Biology*

A.B., *Greenville College*; M.S., *University of Illinois*; PH.D., *Cornell University.*

MAJOR FLOYD H. MCKEAND, JR., *Assistant Professor of Air Science and Tactics*

A.B., *Marshall College.*

CAPT. JAMES F. EISMANN, *Assistant Professor of Military Science and Tactics*

A.B., *Gettysburg College.*

ROBERT L. BLOOM, *Assistant Professor of History*

B.S., *Shippensburg State Teachers College*; A.M., *Duke University*; PH.D., *Columbia University.*

<sup>1</sup> On leave of absence 1953-1954.

ANDREW L. MAFFETT, *Assistant Professor of Mathematics*  
A.B., *Gettysburg College*; A.M., *University of Michigan*.

R. HENRY ACKLEY, *Assistant Professor of Music*  
A.B., *Western Maryland College*; *Peabody Conservatory of Music*.

CAPT. RICHARD T. ANDREWS, *Assistant Professor of Air Science and Tactics*  
A.B., *Willamette University*.

BASIL L. CRAPSTER, *Assistant Professor of History*  
A.B., *Princeton University*; A.M., PH.D., *Harvard University*.

CHARLES H. GLATFELTER, *Assistant Professor of Political Science and Economics*  
A.B., *Gettysburg College*; PH.D., *The Johns Hopkins University*.

WILLIAM C. GRANT, *Assistant Professor of Biology*  
A.B., *Dartmouth College*; PH.D., *Yale University*.

CAPT. JAMES P. LUTZ, *Assistant Professor of Air Science and Tactics*  
B.S., *Kent State University*.

RICHARD T. MARA, *Assistant Professor of Physics*  
A.B., *Gettysburg College*; M.S., PH.D., *University of Michigan*.

WILLIAM L. SANBORN, *Assistant Professor of French*  
A.B., *Dickinson College*; PH.D., *University of Paris*.

JACK W. SHAINLINE, *Assistant Professor of Physical Education*  
A.B., *Gettysburg College*; A.M., *Columbia University*.

KATHRINE KRESSMANN TAYLOR, *Assistant Professor of English*  
A.B., *University of Oregon*.

FIRST LT. GUINN E. UNGER, *Assistant Professor of Military Science and Tactics*  
A.B., *Gettysburg College*.

## INSTRUCTORS

GEORGE E. GRUBE, *Instructor in Biology*  
B.S., *Muhlenberg College*; M.S., *Cornell University*.

GUILLERMO BARRIGA, *Instructor in Spanish*  
B.S., *Colombian Naval Academy*.

EDGAR L. EDDINS, *Instructor in Psychology*

A.B., *Gettysburg College*; A.M., *Temple University*.

SFC. ROBERT A. FISCUS, *Instructor in Military Science and Tactics*

M/SGT. ELMER J. JOHNSON, *Instructor in Air Science and Tactics*

M/SGT. MAX T. LEONARD, *Instructor in Air Science and Tactics*

M/SGT. ANTHONY J. NAVICKAS, *Instructor in Military Science and Tactics*

LEROY W. SMITH, *Instructor in English*

A.B., *American University*; A.M., *George Washington University*.

M/SGT. JOHN DEBORDE, JR., *Instructor in Military Science and Tactics*

M/SGT. IRA S. RION, *Instructor in Military Science and Tactics*

LOIS J. GORE, *Instructor in Physical Education*

B.S., *Temple University*.

SIGRID L. LEHNBERGER, *Instructor in French and Spanish*

A.B., *Hofstra College*; A.M., *Duke University*.

JAMES S. LENTZ, *Instructor in Physical Education*

A.B., *Gettysburg College*.

RALPH D. LINDEMAN, *Instructor in English*

A.B., *University of Pittsburgh*; A.M., *Columbia University*.

S/SGT. JOHN D. MORRILL, *Instructor in Air Science and Tactics*

VICTOR M. ALVAREZ-SILVA, *Instructor in Spanish*

PH.D., D.IUR., *University of Havana*.

EDWIN D. FREED, *Instructor in Bible*

A.B., *Gettysburg College*; B.D., *Lutheran Theological Seminary, Gettysburg*.

PHILIP JOHNSON, *Instructor in Political Science*

A.B., A.M., *Wagner College*.

M/SGT. HAROLD EVERMAN, *Instructor in Military Science and Tactics*

S/SGT. DONALD E. EVINS, *Instructor in Air Science and Tactics*

T/SGT. JOSEPH G. MCCASLIN, *Instructor in Air Science and Tactics*

## LECTURERS

PAUL A. HARNER, *Music*

*Peabody Conservatory of Music.*

ROBERT E. CARL, *Bible*

A.B., *Gettysburg College*; B.D., *Gettysburg Lutheran Theological Seminary.*

THOMAS W. SAMUELSEN, *German*

A.B., *Colby College*; A.M., *Columbia University.*

WILLIAM C. DARRAH, *Contemporary Civilization*

B.S., *University of Pittsburgh.*

ALICE C. HERSHBERGER, *English*

A.B., *Gettysburg College.*

LEE E. SNOOK, *English*

A.B., *Gettysburg College.*

OLIVER W. HELMRICH, *Psychology*

A.B., *Lycoming College*; A.M., *Bucknell University.*

## PRIVATE INSTRUCTORS IN APPLIED MUSIC

ELEANORE H. BIDKA, *Christ Chapel Organist and Choir Director;  
Organ and Piano*

*Student of Ernest White, London School of Music.*

VIRGINIA BARRIGA, *Violin*

*Student of Ferdinand Fillon and of Marcel Chailley of the L'École Normale,  
Mesique, Paris.*

J. HERBERT SPRINGER, *Organ and Piano*

*Student of Tobias Matthay and of Frank Manheimer, London, England.*

MARIE BUDDÉ, *Voice*

B.M., *Curtis Institute of Music; Peabody Conservatory of Music.*

## ASSISTANTS

NINA WILLIAMS, *Biology*

A.B., *Gettysburg College.*

MARY HARSCH, *Chemistry*

A.B., *Gettysburg College.*

## *Faculty Committees*

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*Absences:* TILBERG, AHRENS, EDDINS, LANGERHANS, MARA, YOVICSIN.

*Admissions and Advance Standing:* WOLFE, DUCK, FORTENBAUGH, GLENN, STOREK, TAYLOR, TILBERG.

*Advisory Committee on Athletics:* G. BREAM, STEVENS, AND MRS. SMITH FOR THE *Alumni*; RABY FOR THE *Trustees*; H. BREAM, TILBERG, ZIEGLER FOR THE *Faculty*.

*Catalog:* WOLFE, BARTHOLOMEW, CESSNA, DEBUS, DUCK, LINDEMAN, TILBERG, WARTHEN.

*Ceremonies:* SMOKE, BLOSS, BREAM, CESSNA, GORE, L. JOHNSON, KRAMER, McKEAND, ROBINSON, SHAINLINE, SHELDON, STOREK, TARMAN, WAGNILD, WARTHEN, ZIEGLER; STUDENTS.

*Curriculum and Policy:* FORTENBAUGH, ARMS, BACHMAN, BLOSS, BOWEN, BREAM, FULTON, GLENN, KNICKERBOCKER, KRAMER, LIPSEY, LONG, RICHARDSON, ROBINSON, SHAFFER, SMOKE, STOREK, STOKES, SUNDERMEYER, TILBERG, WAGNILD, WALTEMYER, WARTHEN, WOLFE, ZINN.

*Discipline:* BOWEN, BARRIGA, DUNKELBERGER, LEHNBERGER, MARA, SCHUBART, SLOAT, TILBERG; STUDENTS.

*Faculty Handbook:* GLENN, CRAPSTER, FORTENBAUGH, MAFFETT, MASON, TILBERG, WOLFE.

*Financial Coordinator of Student Organizations:* DEBUS.

*Lecture and Concert:* SUNDERMEYER, ARMS, BACHMAN, GRANT, KORTE, KRAMER, SHAFFER, WAGNILD.

*Library:* SUNDERMEYER, ALVEREZ, FREED, HENSLEY, KNICKERBOCKER, P. JOHNSON, SANBORN, SMITH, STOKES, WOLFINGER; STUDENTS.

*Literary Advisers for Student Publications:* TAYLOR, BOLICH, HARTSHORNE, KORTE, RIDDAGH.

*Pre-Medical:* TILBERG, BAKER, BOWEN, LONG, MARA, MESSER, WEILAND, ZINN.

*ROTC Coordinator:* FRYLING.

*Scholarships:* WALTEMYER, BLOSS, BREAM, DEBUS, GRUBE, TILBERG, WAGNILD, WOLFE, ZIEGLER.

*Scholastic Standing:* TILBERG, ARMS, BLOOM, DUCK, P. JOHNSON, STOREK, WEILAND.

*Social Functions and Student Organizations:* TILBERG, FRYLING, HAMME, L. JOHNSON, KRAMER, KORTE, LIPSEY, STOREK, TAYLOR, UNGER, C. WILLIAMS; STUDENTS.

*Student Senate:* FRYLING, GLATFELTER, KENNEY, MASON; STUDENTS.

*Sub-Freshman Activities:* WOLFE, ACKLEY, BAIRD, BREAM, CESSNA, DEBUS, EISMANN, FRYLING, FULTON, LARKIN, LENTZ, TARMAN, TILBERG; STUDENTS.

*Synod Relations:* KORTE, DUNKELBERGER, WALTEMYER.

The President of the College is an ex-officio member of all committees.

## *History of Gettysburg College*

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"Pennsylvania College of Gettysburg," chartered on April 7, 1832, as the first Lutheran college in America has maintained through the years the primary endeavor of its founders: "To train men and women as leaders who will preserve this civilization with its emphasis on the dignity of the individual as a being created in the image of God." Fulfillment of this early objective has provided the College with a rich history of progress and development.

The College first held classes in a building in town which has since become a private residence, and did not move to the present campus until 1837, when Pennsylvania Hall, the "Old Dorm," was constructed on the former Thaddeus Stevens property. This building, which housed the entire college, and which served as a hospital and headquarters during the battle of Gettysburg, still stands in the center of the campus and functions as a men's dormitory. Expansion was stepped up after the Civil War; new buildings were erected, intercollegiate sports were started, and in 1888 women were first admitted to the College. At the outbreak of hostilities in 1916, the Army organized a Reserve Officers Training Corps at Gettysburg. Gettysburg College was the first independent college to have such a unit on its campus. In 1921, the name of the College was officially changed to Gettysburg College.

Growth was rapid now. New buildings were added constantly, an outstanding year in that phase of development being 1927, when Breidenbaugh Science Hall and the Eddie Plank Memorial Gymnasium were completed. The College curriculum expanded to include many new courses representing a wide range of fields of study. The Faculty was continually augmented and has increased from the original staff of five professors to more than ninety members currently instructing. The student enrollment now stands at about twelve hundred, a great increase from the small band of 67 who crowded into the limited space of the first college home. Christ Chapel, which was dedicated on Homecoming Weekend in October, 1953, is the most recent addition to the college facilities, and brings the total number of buildings to thirty-two. This figure includes the temporary dormitories and the maintenance shops.

The physical equipment of the College is now valued at approximately \$5,500,000.

Gettysburg College always has been proud of the service it performs in providing its students with the best educational advantages that it can offer. The College is fully accredited or approved by all the major agencies, including the American Association of University Women. Graduates from Gettysburg are well represented in top positions in various occupations.

Always true to its fine traditions and objectives, Gettysburg College feels that it has made, over the years, a valuable contribution to the nation. The College is confident that in days to come it will continue to accept the responsibilities of training youth to accept the challenges of life, whatever they may be.

## *Buildings and Facilities*

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THE LIBRARY contains about seventy thousand volumes, including essential reference works, and a serviceable collection of pamphlets, periodicals, and pictures. A number of valuable gifts of books have been received over the years, funds are available to meet the special needs of each department, and the general collection is being constantly increased.

The present building, Georgian in style, was opened to the students in the fall of 1929. It has a book capacity of one hundred thousand volumes and a seating capacity of three hundred readers. It contains reference and general reading rooms, seminar rooms, ample stock space, and accommodations for the library staff.

GLATFELTER HALL, erected in 1888-89 and named in honor of the late P. H. Glatfelter of Spring Grove, Pennsylvania, a former trustee, was extensively remodeled in 1929 by means of a generous gift from a friend of the College. The building is fire-resistive throughout.

The first floor of Glatfelter Hall is occupied by the College Administration, the Guidance Counselor, the Departments of Mathematics, Latin, and Psychology. The Departments of Bible, History, Philosophy, Greek, English, and Romance Languages have their offices and classrooms on the second floor. On the third are the Departments of Political Science and Economics, Education, and Biology. Classrooms of the Department of Military Science and Tactics are in the basement.

The Biological Laboratories in Glatfelter Hall are equipped with carefully selected materials and apparatus necessary for both the elementary and the advanced courses in the biological sciences.

The reading room of the Biology Department is provided with current biological journals and essential reference works, to which additions are continually being made. This room is also used for the meetings of the Seminar and other small groups.

A temporary structure, attached to the west side of Glatfelter Hall and known as the Annex, provides four auxiliary classrooms.

BREIDENBAUGH SCIENCE HALL, a large brick building of colonial design on North Washington Street, is occupied by the depart-

ments of Chemistry and Physics and the College Radio Station, WWGC. The building was completed in 1927.

The Chemistry Laboratories occupy the north and central portions of Breidenbaugh Science Hall. General, qualitative, quantitative, organic, and physical chemistry have separate laboratories and stock rooms equipped with essential apparatus and supplies.

The departmental library, also in Breidenbaugh Hall, contains a substantial reference section adapted to nearly all branches of chemistry, and new books are constantly being added. The department subscribes to some twenty-five scientific periodicals, including the *Journal of the American Chemical Society*, *Chemical Abstracts*, the *Decennial Indices*, and a number of French and German publications.

The Physics Laboratories, in the south part of Breidenbaugh Science Hall, are equipped with selected modern apparatus for elementary and advanced laboratory work and lecture demonstrations. Also included in the laboratories is a shop equipped with precision tools for the construction of special apparatus.

The departmental library is well provided with books on elementary and advanced laboratory experiments and technique, as well as books in the field of general Physics. Carefully selected publications are added each year.

BRUA HALL, erected in 1889-90, is a memorial to the parents of the late Col. John P. Brua, U.S.A. The building is used for plays, lectures, concerts, and other occasions requiring a large auditorium.

Through the generosity of the Woman's League of Gettysburg College, a large addition to Brua Hall was erected and made available to the Music Department in 1951.

EDDIE PLANK MEMORIAL GYMNASIUM, a large Georgian structure completed in 1927, fulfills the functions of a gymnasium, social hall, armory, and auditorium. The lower floor is occupied by the rifle range and other facilities of the ROTC, locker and dressing rooms, and showers. On the main floor are the gymnasium proper, a theatrical stage, and the offices of the Department of Physical Education. The Department of Military Science and Tactics occupies offices in the gallery.

ROBERT WEIDENSALL HALL, a colonial brick structure on North Washington Street, is the home of the Student Christian Association. The original building was erected in 1923 by the Woman's League of Gettysburg College and named in honor of Robert Weidensall, LL.D.,

Class of 1860, a pioneer in the work of the YMCA. In the reconstruction which followed the fire of 1946 it was greatly enlarged, and it now contains a large center hall, an auditorium, a tiled swimming pool, a lounge for students, recreation and browsing rooms, a snack bar, and the offices of the SCA, the Chaplain, the Alumni Secretary, the Publicity Director, and the *Gettysburgian*.

PENNSYLVANIA HALL, "Old Dorm," erected in 1836-38 and used as a hospital during the famous battle, was remodeled and improved in 1889, and again in 1925. It contains eighty-five rooms for students, some of them *en suite*, so that those who desire may have separate study and sleeping rooms.

McKNIGHT HALL, erected in 1898 and named in honor of Harvey W. McKnight, fourth President of the College, is a three-story dormitory accommodating about fifty students. In the summer of 1949 the interior of this building was completely renovated.

HUBER HALL, a building of colonial design fronting on Carlisle Street, provides dormitory and recreational facilities for women students and houses the College dining hall. The first floor contains a recreation room and living quarters for a number of students. The second, or main floor contains a large dining hall, and a modern kitchen. On the third floor are rooms for students. Huber Hall was built in 1917.

STEVENS HALL, also on Carlisle Street, has recently been completely refurnished by the Woman's League for the use of women students. There are accommodations for forty-nine girls, an apartment for the housemother, and a living room. The building was erected in 1868.

AUGHINBAUGH HALL, a large residence on Springs Avenue, accommodates twenty-seven girls and a housemother. There is a kitchen in which resident students may prepare breakfast.

HANSON HALL, a new dormitory which accommodates about one hundred girls, was opened for occupancy in the fall of 1950, and dedicated in honor of President Emeritus and Mrs. Henry W. A. Hanson. It contains an apartment for a housemother, an apartment for the Dean of Women, four snack kitchens, four sorority rooms, the Independent Women's Room, and lounges.

CHRIST CHAPEL, completed for daily chapel services in September, 1953, stands opposite Weidensall Hall. With this building, the Chapel

constitutes the visible center of the religious life of the campus and a memorial to the devotion of the many friends of the College whose gifts made its erection possible.

There are nine classrooms, an art studio, and the offices of the Departments of Fine Arts, German, and Sociology and Social Work in the basement of the Chapel.

THE PRESIDENT'S HOUSE, built in 1915, is situated on the campus at the intersection of Stevens and Carlisle Streets.

THE CHAPLAIN'S RESIDENCE, erected in 1860, is situated on the campus just southeast of Glatfelter Hall.

THE INFIRMARY, on West Lincoln Avenue, provides for the isolation of contagious diseases, as well as the usual medical services. It is served by four nurses, under the supervision of a medical director and a committee of the Board of Trustees.

THE COLLEGE BOOK STORE, situated at the intersection of Stevens and North Washington Streets, dispenses textbooks and accessories. It is owned and administered by the College. It was erected in 1939.

ADDITIONAL BUILDINGS, all located on the central campus, are the Business Office, two fraternity houses, a janitor's home, the heating plant, and certain temporary buildings.

OSOGA LODGE, a rustic cabin at Laurel Lake, some twenty miles north of Gettysburg, is available to student groups under proper supervision.

TEMPORARY DORMITORIES, erected in 1946 by the College and the Federal Housing Authority to accommodate the influx of students from the armed forces, consist of four buildings just north of Memorial Field. These dormitories accommodate 200 men.

APARTMENTS FOR MARRIED STUDENTS, housed in three buildings, comprise six four-room and four three-room apartments. These apartments, separately heated, are available to married students.

DEPARTMENT OF AIR SCIENCE AND TACTICS, a temporary building, obtained from the Army in 1947 and formerly operated as a recreation center by the Student Christian Association, now serves as headquarters and provides classroom facilities for the Department of Air Science and Tactics.

*Athletic Fields*

MEMORIAL FIELD, lying west of the Eddie Plank Memorial Gymnasium, is a combination field for football and track.

NIXON FIELD, a seven-acre area lying east of the Gymnasium, contains a baseball diamond, and the College fields for the Women's Intercollegiate, Intramural, and Physical Education programs.

IRA PLANK MEMORIAL BASEBALL FIELD, lying northwest of Eddie Plank Memorial Gymnasium and containing a diamond with 400-foot foul lines, is devoted exclusively to intercollegiate baseball.

INTRAMURAL FIELD, north of Broadway, contains eight clay tennis courts; soccer, hockey, softball, and football fields; an archery range; and a practice tee for golf.

# College Expenses

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## Comprehensive Fee

Gettysburg College operates under the comprehensive fee plan, an all-inclusive fee which includes tuition, general fees, all laboratory fees, the athletic fee, the health fee, the library fee, graduation fees, the student chest fee, etc.—in short, all academic expenses except books and private lessons in music. Under such a system every student and every parent will know well in advance exactly how much each year's College expenses will be.

The comprehensive fee allows a student to take from 20 to 36 credit hours per academic year (10 to 18 per semester). Anyone pursuing studies which total more than 18 semester hours per semester must pay \$20.00 tuition per semester hour above the 18 hours allowed.

Comprehensive Fee ..... \$625.00

## Board

College Dining Hall ..... \$400.00

## Room Rents

Aughinbaugh Hall .....	\$120.00
Hanson Hall .....	150.00
Huber Hall .....	120.00
McKnight Hall .....	120.00
North Hall .....	150.00
Pennsylvania Hall (Old Dorm) .....	120.00
Rooms in private homes .....	120.00 to \$225.00
Stevens Hall .....	120.00
Temporary Dormitories :	
Double rooms .....	70.00
Single rooms .....	90.00
Apartments for families .....	30.00 per month

Two-thirds of the yearly room charge is payable in September and one-third in February.

## TOTAL YEARLY EXPENSES

	MINIMUM	LIBERAL
Comprehensive Fee .....	\$ 625.00	\$ 625.00
Board .....	400.00	400.00
Room (dormitory) .....	70.00	150.00
Books and Stationery (estimated) .....	25.00	50.00
Estimated total cost for college year ...	\$1,120.00	\$1,225.00

The above tabulation does not include laundry and personal expenses, such as clothing, spending allowances, fraternity dues, and transportation.

*Special Students*

Any student who does not take a full program (less than 10 semester hours) does not pay the comprehensive fee. The following rates apply for part-time students:

Tuition (per semester hour) .....	\$20.00
Laboratory fee (per semester, each) .....	15.00
Library fee (per semester) .....	3.00
Registration fee (per semester) .....	5.00

Part-time students do not receive free admission to intercollegiate athletic programs, the health service, and free participation in student-sponsored activities unless they pay a fee of \$50.00 per year.

*Payment of Bills*

All College bills are due and payable on or before registration each semester. The Business Manager will bill each student for one-half of the yearly comprehensive fee and board charge before the beginning of each semester. Room rents will be billed at the rate of two-thirds in September and one-third in February.

The Veterans Administration will pay the comprehensive fee and cost of books and supplies within the legal limits for veterans attending College under the provisions of Public Laws 16 and 346. Veterans attending College under the provisions of Public Law 550 (the Korean G.I. Bill) will receive monthly amounts from the Veterans Administration and are to pay their own College bills. Because of possible delays in receipt of these amounts and the fact that the V.A. will pay monthly, the College will allow accredited PL 550 students, upon application to the Business Manager, to select the following payment plan.

Fall registration .....	\$105.00
November 10 .....	104.00
December 10 .....	103.50
Spring registration .....	105.00
April 10 .....	104.00
May 10 .....	103.50

No student will be permitted to take the semester examinations, be graduated, receive a transcript of record or statement of honorable dismissal until all financial obligations to the College, class publications, fraternities, and other student interests have been met.

### *Deferred Payments*

The College is prepared, in certain circumstances and at a nominal charge, to grant deferred payments if application is made in writing to the Business Manager at least 10 days before registration.

### *Refunds*

No refunds of the comprehensive fee will be made after the first week of each semester except where a student has had to withdraw because of serious illness or call by Selective Service, in which case the fee will be refunded on a proportionate basis.

There will be no refund of the board charge except where a student has had to leave College. All those students anticipating joining a fraternity and boarding in the fraternity dining hall are urged to buy weekly meal tickets for the period from the start of the semester until pledging is over. If they find they do not wish to join a fraternity, the College business office will be happy to assign permanent meal tickets to them.

Room charges are refundable only if a student leaves College because of serious illness or call by Selective Service, or finds a replacement who is willing to assume the remaining charge.

Veteran credits will be made in accordance with existing Veterans Administration regulations.

### *Transcripts*

Each student is permitted one free transcript of his full record upon graduation or withdrawal from College. Anyone desiring more than one must send his request to the Registrar and enclose payment of \$1.00 for each additional transcript requested.

## *Admission of Students*

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Although Gettysburg College has expanded its facilities to provide a liberal education for an increased number of students, it believes that its purposes can best be achieved if it maintains its character as a small church-related school. The stated requirements for admission are designed to enable the College to select students who will contribute to and benefit from such a College community.

### *Application for Admission*

A student desiring to enter Gettysburg College from high school or preparatory school should secure an "Application for Admission" form from the Office of the Dean of Admissions. After the student has supplied the information called for on pages three and four of that form, he should ask the proper authorities of his school to complete pages one and two and forward it to the Admissions Office. Regulations governing admission of applicants who have attended another college are stated in the section, "Admission with Advanced Standing."

A fee of \$5.00 must accompany the "Application for Admission." This fee is non-refundable and is used to defray, in part, the costs of processing the application.

A student may present an "Application for Admission" at any time after the completion of the Junior year in high school, and the Dean of Admissions may at any time make tentative reservations for applicants with exceptional qualifications. However, the *Committee on Admissions* selects the larger part of the men's quota after the Senior mid-year grades are presented. Most of the women's quota are selected about March 1 of each year. It is the responsibility of the applicant to furnish an official record of all work completed after the "Application for Admission" has been presented.

Successful applicants for the September term must send to the Business Manager, Gettysburg College, an advance payment of \$25.00 on or before May 20. Those receiving notification of acceptance after May 5 must send the \$25.00 advance payment within 15 days of the

date of notification. The advance payment is credited to the students' first-semester accounts. If a successful applicant withdraws before July 1, the advance payment will be returned. No refunds will be made after July 1.

### *Requirements for Admission*

The *Committee on Admissions* considers each applicant individually, using as its principles of selection the following:

1. Evidence of good character and acceptable social habits.
2. Evidence of academic attainment and ability, especially facility in the use of the language and the understanding of fundamental mathematical processes.

The Committee relies upon the secondary school record, examination results, personal interviews, and recommendations from the school, alumni, and friends of the College for its basic information. While the College places greater emphasis upon the quality of the student's work in secondary schools than upon the exact distribution of the subjects taken, it makes the following general recommendations for the guidance of students looking toward college admission.

Graduation from and recommendation by an approved secondary school with completion of 16 Standard High School Units as follows:

<i>Required:</i>	YEARS
English .....	4
Elementary Algebra .....	1
Plane Geometry or Intermediate Algebra .....	1
<i>Recommended:</i> <sup>1</sup>	
Natural Science .....	2
History .....	2
Foreign Language .....	2

#### *Optional:*

Additional electives to fill the graduation requirement from Mathematics, Natural Science, History, Social Studies, and

<sup>1</sup> In addition to the general recommendations for all prospective students, the following special ones should be noted:

Those students who plan to major in either physics or chemistry should, if possible, take the optional courses in mathematics and natural science.

Students who plan to major in a foreign language should have at least two years of preparation in each of two foreign languages.

Foreign Language. Not more than three units in vocational or commercial subjects are acceptable.

Veterans who were not graduated from secondary school before entering the Armed Services may, in certain circumstances, qualify for admission through an educational training program in service, through United States Armed Forces Institute Courses, or on the basis of the General Educational Development Tests.

### *Entrance Examinations*

Applicants who rank in the upper half of the graduating class of an approved secondary school may be admitted without examination. For other applicants the *Committee on Admissions* reserves its decision until entrance examinations results have been presented. The Dean of Admissions acknowledges all applications promptly, informing the applicant whether he or she is eligible without entrance examinations. However, the College recommends that all applicants take the Scholastic Aptitude Tests of the College Entrance Examination Board, both because it gives the applicant a valuable test experience and because it provides valuable test data for his future guidance.

### *The College Board Tests*

For those students not accepted without examination, the College recommends the Scholastic Aptitude Tests (the Morning Program) of the College Entrance Examination Board. Any of the test dates are acceptable, but the January or March dates during the students' Senior year are preferable. The following is a list of the test dates:

1954	1955
March 13	January 8
May 22	March 12
August 11	May 21
December 4	August 10

For further information the applicant should write to the  
College Entrance Examination Board  
P. O. Box 592, Princeton, New Jersey

or

P. O. Box 9896, Los Feliz Station, Los Angeles 27, California

### *The Gettysburg College Entrance Examinations*

To supplement the College Board Tests, the College administers its own battery of admissions tests, for those who must take them, at Gettysburg College. Applicants may choose to take either or both tests. The Gettysburg College examinations are less formal than those of the College Board, and the Guidance Counselor at the College gives to each examinee a written interpretation of the test results. There is no fee for these examinations, but a student must be an applicant for admission to be eligible. For further information and test dates, the applicant should write to

The Dean of Admissions  
Gettysburg College, Gettysburg, Pa.

### *Orientation Day*

The College urges all students accepted for 1954 to be present on the campus on Orientation Day, Saturday, May 15, 1954. Parents are also cordially invited. The day is devoted to the administration of significant tests and also to acquainting the new students with the Campus. The tests given on this day are in no sense entrance tests. The results are used for the guidance of the student in selecting his Freshman subjects. Since most of the features of Orientation Day are included in the Entrance Examination Days, any student taking either the entrance examinations or the examinations for Competitive Scholarships need not come back for Orientation Day.

The section of this catalog entitled "College Life" gives an explanation of the whole orientation program and the guidance service of the College.

### *Admission with Advanced Standing*

A student who has attended another college is eligible to transfer to Gettysburg College if he is entitled to an honorable dismissal without social or academic probation. A transfer student must present an official transcript from any or all colleges or universities attended, as well as the official "Application for Admission" form showing the high school record. Former students of Gettysburg College may transfer credits from other institutions under the same conditions granted to new students.

Transfer credits are granted for work done with a grade of C or better in approved colleges and universities if the courses taken fit the curric-

ulum to be followed at Gettysburg. All academic credit for courses transferred is granted tentatively until the student has satisfactorily completed one year of work at Gettysburg College. All transfer students must meet the course requirements demanded of all members of the class into which they transfer.

A student admitted as a Sophomore after one year of residence at another college must complete at least *ninety* academic hours to meet the requirements for graduation. In addition, he must meet the Sophomore requirement in physical education or military science and all general requirements imposed upon all other members of the Sophomore class. A student admitted as a Junior after two years of residence at another college must complete at least *sixty* academic hours at Gettysburg College to meet the requirements for graduation and meet all general requirements imposed upon all other members of the Junior class. A student, regardless of credit grants or years of residence at another college, must complete at least *thirty* semester hours at Gettysburg and one full year of attendance in order to receive a degree from Gettysburg College.

All transfer students entering as Freshmen or first semester Sophomores are required to take General Education 1 and 2. All transfer students entering as second semester Sophomores or first semester Juniors are required to take General Education 2.

No credit is granted for extension courses, correspondence courses, or courses in non-accredited institutions.

### *Admission at the Beginning of the Second Semester*

Freshmen and transfer students may be admitted at the beginning of the second semester. Methods and requirements for admission are the same as for those students entering at the beginning of the regular school year in September.

### *Admission to the Summer Session*

Students who are candidates for degrees at Gettysburg College are admitted to the Summer Session under the same methods and requirements as those which apply to students entering in September.

Students who are candidates for degrees from other colleges may enter the Summer Session upon the certification of the Deans of those institutions that the applicants are *bona fide* students in the institutions and that

the courses taken at Gettysburg College will be transferred if they are passed with certifying grades.

Others applying for admission to the Summer Session *only* may be accepted upon presentation of official evidence of preparation to meet the regular admissions requirements. A special admissions form is available from the Admissions Office.

### *Institutional Rating*

Gettysburg College is on the accreditation lists of the Association of Colleges and Secondary Schools of the Middle States and Maryland, the Board of Regents of the State of New York, the Department of Public Instruction of Pennsylvania, and others. It is a member of the National Commission on Accreditation.

Approval by the American Medical Association and the American Association of University Women, membership in Phi Beta Kappa and in the American Chemical Society, and approval by other similar organizations are additional indications of good standing.

This rating means that credits granted by Gettysburg College are accepted at face value by other colleges, universities, and graduate and professional schools.

# *Registration*

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## *The Registration System*

Gettysburg College combines Registration and Course Adjustment. Students register for both semesters of the regular academic year and for both terms of the Summer Session. There is no formal registration between semesters or terms, but provision is made for course adjustment and for the registration of new students.

## *Registration of Old Students*

The Tuesday before the second-semester examinations is set aside for the Spring Registration. Students report in alphabetical order as assigned by the Registrar—Juniors in the morning, Sophomores in the afternoon, and Freshmen in the evening—for preliminary registration for the next year's courses and for final registration for the Summer Session. Each Faculty adviser sets up a series of conference hours before the Spring Registration for the convenience of his advisees.

During the summer the Registrar's Office prepares the Official Registration Forms. For those students making no course adjustments, the final registration on Wednesday and Thursday before the formal opening of the College is only a matter of receiving the Treasurer's assessment and filling in an Information Card.

## *Registration of New Students*

Freshmen entering in September make out a tentative schedule of courses through individual conference or correspondence with the Registrar during the month of August. The office then prepares the official forms and schedules, which are turned over to the students' advisers for further study. The students meet their advisers on Monday of Orientation Week to complete their registration. Any change in course may be negotiated with the adviser on Thursday afternoon.

Students with advanced standing entering in September usually work out their schedules on Monday of Orientation Week. The Registrar

evaluates advanced credits and sends copies showing credits granted and remaining requirements for graduation both to the students and to their advisers. Any necessary conferences can be arranged during the month of August.

New students entering in February or June may work out schedules (Freshmen with the Registrar; other students with their departmental advisers) on or before the day of registration.

### *Registration for the Summer Session*

Old students register for the Summer Session at the time of the Spring Registration.

New students register the first day of the session at the time and place designated in the Summer Session *Bulletin*.

### *Registration Rules*

1. Each student must register officially, at the specified time and place, for all the courses he expects to enter. Late registration is penalized by a fine of \$5.00 unless excused by the *Scholastic Standing Committee*.
2. No student may receive credit for a course unless he is properly registered for that course.
3. A student who fails to complete a course for which he has registered and from which he has not officially withdrawn automatically receives an F on his permanent record.
4. A fee of \$1.00 is charged for any change in course made within three days after the last day of the regular registration period.
5. After the third day of the semester, a student may drop a course or add a new course only with permission from the *Scholastic Standing Committee* and upon the payment of \$5.00 for the change in schedule.
6. A student who receives an F in the first semester of a year's course may not continue that course during the second semester without the consent of the department concerned.
7. The College reserves the right to withdraw or discontinue any course for which an insufficient number of students have registered. In such an event, no fee will be charged for transfer to another course.

# *Curriculum*

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Gettysburg College believes that all students should have a broad liberal education. To attain that end the College requires certain specific courses in the Freshman and Sophomore years and makes a general requirement for distribution of subject matter to be completed before graduation. Because of this dominantly liberal purpose, all students earn the degree of Bachelor of Arts, regardless of their field of major or specialized study.

Within the limits of the distribution and concentration requirements, course building is largely an individual matter between students and their advisers. Each department has worked out suggested curricula to assist students in selecting courses to meet certain objectives.

## *Advisers*

The adviser is the medium of communication between the student and the faculty and may be consulted in all matters. Each year, the student must secure his adviser's approval of his study list.

When a student registers as a Freshman, he is assigned to a Freshman Adviser. Before the spring registration in his Freshman year, he is expected to choose his major field of study. The Head of the Department in his major subject will then become his adviser and continue as such throughout the remainder of his college course.

If, at the time of the spring registration, a student has not yet chosen his major field of study, or has not attained a scholastic average that would justify his acceptance as a major in the department of his choice, he may select as his temporary adviser, the head of the department in which he would like to major. If his work in the department later improves, he may then be accepted as a major.

## *Courses and Credits*

The amount of credit given for each course is specified in terms of *semester hours*. A *semester hour* of college work consists of one hour a week of lectures or classwork, or two or three hours of laboratory work

(or laboratory work combined with classwork) a week for one semester. The normal assumption is that the student will be expected to do at least two hours of study in preparation for each hour of classwork.

No credit for one semester of a year's course may be granted except by written approval of the department delivered to the Registrar.

### *Schedule Limitations*

The usual schedule is 15 semester hours in addition to basic Military Science or Physical Education. No student may carry fewer than 12 semester hours or more than 16 semester hours unless he has the consent of the *Scholastic Standing Committee*. A student enrolled at Gettysburg College may not carry courses concurrently at any other institution without the consent of the Faculty.

When the student has established clearly a valid reason for additional subjects, the *Scholastic Standing Committee*, of which the Dean is chairman, may allow extra hours, subject to the following restrictions:

1. A maximum of eighteen semester hours in addition to basic Military Science or Physical Education to a second-semester Freshman who has maintained a quality-point average of 2.00\* during the first semester or to a Sophomore who has maintained an average of 2.00 during his Freshman year.
2. A maximum of eighteen semester hours to Juniors or Seniors who have maintained an average of 2.00 during the preceding year or twenty-one hours to those who have a 2.50 average.
3. A maximum of eighteen semester hours in either the Junior or Senior year (not both) even though the student's average may be below 2.00.

### *Requirements for the Degree of Bachelor of Arts*

The degree of Bachelor of Arts may be conferred upon the student who completes 128 semester hours of work.

Additional hours may be required for individual students according to rules established by the Faculty. In addition to the hours required, students must earn at least as many quality points as there are hours required for their graduation. No student may be graduated with a quality-point average of less than 1.00 in his major subject.

\*See "Grading System," p. 56.

A student registered at Gettysburg College will not obtain credit for courses taken in other colleges during the summer unless such courses have first been approved by the head of the department concerned.

The placement of students in the catalog class lists does not obligate the college to any specific graduation date.

### *Comprehensive Examinations*

Every candidate for the degree of Bachelor of Arts is required to pass a comprehensive examination in his major field of study.

This comprehensive examination is intended to test the depth of the student's knowledge of the subject matter in his major field; to determine his abilities to assimilate, to analyze, and to apply the leading ideas developed in this subject; and to serve as a challenge, throughout his college course, to integrate the entire work of his chosen field of study. The comprehensive examinations are graded "passed," "passed with honors," or "passed with highest honors," and these grades are placed on the student's permanent record.

### *Requirements for Teacher Certification*

In addition to qualification for the degree of Bachelor of Arts, the student may qualify for certification to teach in secondary schools by completing nine semester hours of academic work beyond the minimum requirements for the degree of Bachelor of Arts, and by earning at least 9 additional quality points. Normally, good students can include these hours in their regular four-year schedule.

### *Requirements for Military Commission*

A student who has successfully completed the advanced courses in Air Science or Military Science may qualify for a reserve commission in the Armed Forces. A Military Science student honored with Distinguished Military Award may qualify for a regular or permanent commission in the Army. Air Force ROTC Graduates are not appointed in the Regular Force but are commissioned as 2nd Lieutenants in the Air Force Reserve. However, after 18 months of commissioned service on active duty, a Reserve Officer may apply for appointment in the Regular Air Force. Special consideration for appointment in the Regular Air Force is given Air Force ROTC Graduates who have been designated *Distinguished Air Force ROTC Graduates*.

*Distribution Requirements for All Students*

SUBJECTS	SEMESTER HOURS
English A (Freshmen) .....	6
Bible 1 (Freshmen) .....	6
General Education 1 (Freshmen) .....	6
General Education 2 (Sophomores) .....	6
Senior Comprehensive Examination .....	0
Military Science or Air Science or Physical Education —2 Years .....	8
Language: <sup>1</sup>	
French	6 semester hours above the "A" course in one or two ..... 6-12
Spanish	
German	
Greek	
Latin	
Philosophy	6 semester hours in one ..... 6
Pol. Sci. and Econ.	
History	
Psychology	
Sociology	
Latin Literature	6 semester hours in one in the original ..... 6 (Refer to the introductions of respective departments under "Courses of Instruction" for the listing of literature courses in the original.)
Greek Literature	
German Literature	
French Literature	
Spanish Literature	
Science: <sup>1</sup>	
Biology 1	8 semester hours in one or two ..... 8-16
Chemistry 1	
Physics 1 or	
102	
Appreciation courses <sup>2</sup> .....	4
Average total for distribution ....	76-82

<sup>1</sup> Two languages and one science or two sciences and one language are required.<sup>2</sup> These four hours may be selected from Dramatic Arts 1a, 1b, 1c; Fine Arts 2, 3, 4; Music 1, 2, 3; and English 18.

*Concentration Requirements for All Students*

- 24 semester hours above "A" courses in a major
- 12 semester hours above "A" courses in a related minor<sup>1</sup>
- 12 semester hours above "A" courses in an unrelated minor<sup>1</sup>

As early as possible each student should select his major subject. In addition, he should select two minor subjects, one related to his major field (in the same group) and one not related (not in the same group).

The subjects are arranged in three groups as follows:

GROUP 1	GROUP 2	GROUP 3
English	Bible	Biology
French	Economics	Chemistry
German	Education <sup>2</sup>	Mathematics
Greek	Fine Arts <sup>2</sup>	Physics
Latin	History	
Spanish	Music	
	Philosophy	
	Physical Education	
	Political Science	
	Psychology	
	Sociology	

*Required Freshman Program*

SUBJECTS	SEMESTER HOURS
General Education 1 _____	6
English A _____	6
Bible 1 _____	6
Language <sup>3</sup> _____	6
Mathematics, or Economics 1 and 2, or a Science, or a second language, or Psychology 1, or Music 7 _____	6-8
Military Science or Air Science or Physical Education _____	4
Total _____	34-36

<sup>1</sup> This is interpreted as meaning two full year courses or the equivalent if the minor is in a laboratory science.

With the consent of the major adviser, a year course or its equivalent in each of two subjects within the group to which the major belongs may be accepted as a related minor.

<sup>2</sup> Accepted for a minor only.

<sup>3</sup> Science and mathematics majors may postpone language to take both a science and mathematics.

### *Required Sophomore Program*

SUBJECTS	SEMESTER HOURS
General Education 2 .....	6
Military Science or Air Science or Physical Education .....	4
At least 2 courses selected from the following: Language, Mathematics, Science, or second Language	12-16
Two electives with at least one from the following: History, Philosophy, Political Science, Psychology, Sociology .....	12
Total .....	34-38

Education courses for those who plan to teach should be included in electives.

The Sophomore course in the student's major must be included in the required subjects or in the electives.

### *Junior and Senior Program*

All required courses listed in the Freshman and Sophomore programs which have not been completed by the end of the Sophomore year must be included in the Junior program. It is recommended, in the interest of a well-balanced education, that the Junior program shall contain at least two courses each semester outside the group in which the student's major falls, and that the Senior program shall contain at least one course each semester outside the group in which the student's major falls.

Transfer students accepted as upperclassmen are subject to the same requirements as are all other students. When similar courses accepted as transfer credit can be used as substitutes for the required courses, the Registrar will notify both the students and their advisers of the official advance credit evaluation.

Transfer students accepted as first-semester Sophomores are required to take General Education courses 1 and 2. Second-semester Sophomores and first-semester Juniors are required to take General Education course 2.

### *Preparation for Graduate Study*

All students who intend to do graduate work should communicate this fact as early as possible to the heads of the departments in which they are majoring in order that they may be sure of meeting all the requirements for graduate study.

### *Cooperative Forestry Program*

Gettysburg College offers a program in forestry in cooperation with the School of Forestry of Duke University. Upon successful completion of a five-year coordinated course of study, a student will have earned the Bachelor of Arts degree from Gettysburg College and the professional degree of Master of Forestry from the Duke School of Forestry.

A student electing to pursue this curriculum spends the first three years in attendance at Gettysburg College. Here he obtains a sound education in the humanities and other liberal arts in addition to the sciences basic to forestry. Such an education does more than prepare a student for his later professional training; it offers him an opportunity to develop friendship with students in many fields, expand his interests, broaden his perspective, and fully develop his potentialities.

The student devotes the last two years of his program to the professional forestry curriculum of his choice at the Duke School of Forestry. Since Duke University offers forestry courses only to senior and graduate students, the student from Gettysburg College will find himself associating with a mature student body. He will be well prepared for further personal and professional development.

Candidates for the forestry program should indicate to the Dean of Admissions of Gettysburg College that they wish to apply for the Liberal Arts-Forestry Curriculum. Admission to the College is granted under the same conditions as for other curricula. At the end of the first semester of the third year the College will recommend qualified students for admission to the Duke School of Forestry. Each recommendation will be accompanied by the student's application for admission and a transcript of his academic record at Gettysburg. No application need be made to the School of Forestry before that time.

There is no fixed major or rigid curricular requirement for the three years at Gettysburg. However, the College recommends that students in the Forestry program come under the advisement of the Biology Department and use the following as a guide:

## PRE-FORESTRY CURRICULUM AT GETTYSBURG COLLEGE

FIRST YEAR	HRS.	SECOND YEAR	HRS.
English A	6	General Education 2	6
General Education 1	6	General Chemistry 1	8
General Biology 1	8	Foreign Language 1	6
Mathematics 1a, 1b or 2	6	Economics 3	6
Bible 1	6	Electives	6
Phys. Ed. or ROTC	4	Phys. Ed. or ROTC	4
	—		—
	36		36

THIRD YEAR	HRS.
Foreign Language 2	6
General Physics 102	8
Appreciation Courses	4
Biology 6	3
Biology 7	3
Electives	12
	—
	36

The technical curricula at the School of Forestry of Duke University are available in duplicated form from the Dean of Admissions, Gettysburg College or in printed form from the Dean of the School of Forestry, Duke University, Durham, North Carolina.

### *Cooperative Engineering Program*

The faculties of Gettysburg College and the School of Engineering of The Pennsylvania State University have established jointly an educational program of five years' duration, three in liberal arts at Gettysburg College and two in engineering at The Pennsylvania State University, leading to the award of an appropriate degree from each institution. This cooperative program has been created in an effort to fulfill the following objectives:

1. To provide a student with the advantages of a general education in a liberal arts institution as well as technological education in a school of engineering, through five years of study instead of six

or more years that might be required if both degrees were obtained separately.

2. To permit a student whose aptitude for engineering may be uncertain, or whose decision between engineering and other disciplines may not yet be made, to study both arts and sciences during the first three years of college, during which time he can better determine whether his major interest and ability lie in the field of engineering.
3. To provide a student with a planned sequence of liberal arts courses which, if completed successfully, will guarantee him acceptance at an engineering school at times when student applications to such schools might exceed their capacity.
4. To permit qualified students to receive both a liberal and a technical education at relatively low cost and thus provide the Commonwealth and the nation with more critically-needed trained engineers.

The counseling, admission, and transfer of students in this 3-2 co-operative program are conducted through use of the following procedures:

1. Application for admission to the program is made to Gettysburg College and the candidate is subject to the admission requirements of that institution.
2. A student indicates his desire to follow the 3-2 program either at the time of his admission to Gettysburg or early enough in his program there to permit him to complete all courses prerequisite to the Engineering course at The Pennsylvania State University, as well as all courses required for graduation from Gettysburg College.
3. Results of aptitude and achievement tests, scholastic records, and other pertinent information will be exchanged to aid both institutions in guiding and counseling students and prospective students.
4. At the end of the second semester of the third year, a student becomes a candidate for transfer if he has successfully completed all prerequisite courses, has maintained an over-all average of "C" (a Gettysburg quality point average of 1), and is recommended for transfer by the faculty of Gettysburg College.
5. At the close of the second semester of the third year the records of all students recommended for transfer are transmitted to the Dean of Admissions of The Pennsylvania State University and

these students are automatically entered in the School of Engineering with junior standing.

6. Detailed information about the requirements for admission and the curriculum of this combined program may be obtained from the office of the Dean of Admissions of Gettysburg College.
7. An entering student planning to follow the 3-2 cooperative program is enrolled in the pre-engineering curriculum at Gettysburg College.
8. A student recommended for transfer is eligible to enter any of the following engineering curricula with junior standing:
 

Aeronautical Engineering	Electrical Engineering
Civil Engineering	Industrial Engineering
Sanitary Engineering	Mechanical Engineering
9. The 3-2 cooperative program does not prepare Gettysburg students for automatic transfer to any other technical curricula conducted at The Pennsylvania State University.
10. The individual courses of study in each curriculum for the work of the fourth and fifth years and the summers preceding and between them are published in the General Catalog of The Pennsylvania State University or can be obtained in duplicated form from the Dean of Admissions of Gettysburg College.

### THE THREE-YEAR PRE-ENGINEERING CURRICULUM AT GETTYSBURG COLLEGE

is as follows:

FRESHMAN YEAR	HRS.	SOPHOMORE YEAR	HRS.
Mathematics 2	6	Mathematics 6	6
English A	6	General Education 2	6
General Education 1	6	Literature	6
Bible 1	6	Physics 102	8
Language 1	6	Psychology 1	3
ROTC	4	History 5	3
Descriptive Geometry	2	ROTC	4
Engineering Drawing	2		
	—		—
	38		36

JUNIOR YEAR	HRS.
Mathematics 9A	4
Mathematics 9B	4
Physics 2	6
Physics 13	3
Economics 3	3
English 5a, 5b	4
Chemistry 1	8
ROTC*	6

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32-38

\*Elective

### *Parish Workers Cooperative Plan*

Gettysburg College has entered into an arrangement with the Lutheran Deaconess Motherhouse School of Baltimore, Maryland, whereby young women planning to enter the full-time service of the church may receive the degree of Bachelor of Arts by attending Gettysburg College 3 years, then transferring to the Motherhouse School in Baltimore for 2 years of specialized training. It is understood that in order to be graduated, these students must meet all specific course requirements for the degree including the comprehensive examinations in their major field by the end of the 3 year period. The work completed at the Motherhouse School will be accepted as the equivalent of the final year in college.

# *Scholastic Rules and Procedures*

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## *Chapel Attendance*

Chapel services are held daily, Monday through Friday, at 8:50 A.M. Each student is required to attend a minimum of one-half of the available chapel exercises each bi-monthly period, the exact number to be posted by the Dean.

When a student has incurred absences from chapel in any bi-monthly period totaling one more than half of the chapel exercises scheduled for that period, he will be penalized by the addition of one extra semester hour added to the requirements for his graduation. When absent four additional times, the student will be referred to the *Committee on Discipline*.

Through arrangements with the Dean, and with the approval of the *Committee on Discipline*, this extra hour penalty may be cancelled through make-up attendance during the second bi-monthly period. No cancellation of the extra hour penalty for the second bi-monthly period is possible.

## *Class Attendance*

The student is expected to attend each class exercise unless his absence is excused by official authorization or by genuine necessity. Unnecessary absences are neither authorized nor approved.

The instructor is required to make a daily report of absences to the Office of the Dean. The instructor has full authority to penalize any absence from his class. He may also cause a student to be forbidden any further absences from his class (except the most imperative) by notifying the Dean that the student should be placed on "cut probation."

The further supervision and discipline of absences are vested in a *Committee on Absences*, of which the Dean is *ex-officio* chairman. This *Committee* regards student absences as consisting of five kinds: (1) absences incurred through "authorized trips," (2) those incurred through

"prolonged illness," (3) those "taken for good reason," (4) those taken without justification, and (5) those incurred through lateness.

(1) Absences incurred through "authorized trips" are certified by the Dean as excused and are not penalized by his office. Absences thus excused include those of students traveling with recognized athletic, musical, dramatic, or forensic organizations, or as delegates to fraternal conventions; those due to family emergencies or important social obligations (such as weddings and funerals); and those made necessary by appointments with agents of the government or prospective employers. The Dean's permission should be obtained before such trips are made; in an emergency it may be issued after the event.

(2) "Prolonged illness" is defined as medically attested illness extending over three or more days and necessitating two or more absences from the same class. The Dean's office issues a certificate excusing such absences, and imposes no penalty.

(3 and 4) If a student incurs an absence not eligible for certified excuse, and presents the Dean's office with a satisfactory explanation, the absence will be recorded as "taken for good reason." If he presents no "good reason" the absence will stand in his record as unjustified.

(5) Lateness to class four times is regarded as one unexcused absence.

Although unnecessary absences are never approved, the student is allowed, in effect, a quota of unpenalized absences equal to the number of class meetings per week. These absences require no certification or excuse, but are expected to be used only for "good reason." Thus, the *Committee* imposes no penalties until a student's absences in any one course (excluding those due to "authorized trips" or "prolonged illness") total more than the weekly number of class meetings scheduled for that course. If it then appears that any absence has been incurred without justification, the student will be penalized for each absence in excess of the number of class meetings per week by the addition to his graduation requirement of one semester-hour's credit. When the number of absences (excluding those due to "authorized trips" and prolonged illness") equals twice the number of class meetings per week, the student is subject to dismissal from the course with a grade of F. Upon such dismissal, other penalties incurred for absence in this course are rescinded.

Absence from one or more classes within twenty-four hours of the beginning or end of a regular holiday or vacation will be penalized by the addition of one semester-hour to the graduation requirement, unless permission for such absence has been certified in advance or serious emergency has made such absence inevitable.

### *Grading System*

GRADE	QUALITY POINTS	PERCENTAGES	DESCRIPTION
<i>A</i>	3	100-90	Excellent
<i>B</i>	2	89-80	Good
<i>C</i>	1	79-70	Fair
<i>D</i>	0	69-60	Poor, but passing
<i>F</i>	—	59- 0	Failing
<i>I</i>	—	—	Incomplete for reasons beyond student's control
<i>W</i>	—	—	Withdrew from course. No credit. Letter following <i>W</i> indicates standing at time of withdrawal.

Teachers may modify the various letter grades with plus and minus signs. These signs are placed on the permanent records and reproduced on all transcripts, but are disregarded in all ordinary quality point computations. They are, however, used in all honors computations.

### *Quality Point System*

#### *Computations*

Quality points are allowed according to grade for each semester hour as follows:

$$A = 3, \quad B = 2, \quad C = 1, \quad D = 0$$

When a finer computation is desirable, as in determining honors, the following is official:

$$\begin{array}{llll} A+ = 3 \frac{1}{3} & B+ = 2 \frac{1}{3} & C+ = 1 \frac{1}{3} & D+ = 1/3 \\ A = 3 & B = 2 & C = 1 & D = 0 \\ A- = 2 \frac{2}{3} & B- = 1 \frac{2}{3} & C- = 2/3 & \end{array}$$

Grades *I*, *W*, and *F* are disregarded in final quality point computations. For all student-body ratings and for all individual averages issued by the Dean's Office, the grades *F* and *WF* are counted as  $-1$ .

#### *Minimum Requirements*

In general, students are considered deficient and are advised to withdraw from the College when they fail to meet the following minimum standards in the achievement of total quality points. In general, they are

required to withdraw when they fall one semester behind the minimum standards given below.

At the end of first semester .....	10
At the end of second semester .....	26
At the end of third semester .....	45
At the end of fourth semester .....	64
At the end of fifth semester .....	80
At the end of sixth semester .....	96
At the end of seventh semester .....	112
At the end of eighth semester .....	128 or a total equal

to the number of hours required for graduation.

### *Conditions and Deficiencies*

No credit is given for a subject reported as *F* or *I*. An *I* not removed by the completion of the work within one semester after the deficiency was incurred becomes an *F*, unless the *Scholastic Standing Committee* shall, because of the student's sickness or for an equally good reason, extend the time for removing the *I*. An *F* in a course for the first semester debar a student from the course during the second semester unless the department in which the *F* is incurred consents to the student's continuance. An *F* remains on the student's permanent record card and is reproduced on all official transcripts. No student may repeat an elective course which he has failed without the consent of the Department concerned.

### *Probation*

#### *Limited Probation*

If, in the judgment of a teacher, a student is endangering his scholastic standing in any course, the instructor may request the Dean to place the student on Limited Probation in the course for a period of two weeks. At the end of this period the teacher shall notify the Dean:

1. that the probation is continued,
2. that the probation is removed, or
3. that the student is dropped from the course with a grade of *F*.

At the discretion of the teacher the Limited Probation may be removed before the end of the two-week period.

### *General Probation*

A student is placed on General Probation when he fails to meet all three of the following requirements:

1. passing at least 12 semester hours of work in addition to basic Military Science or Physical Education,
2. meeting the minimum requirements of the Quality Point system,
3. showing reasonable progress toward graduation.

When a student is placed on General Probation,

1. he is ineligible to represent the College in intercollegiate activities or in any other activities entailing absence from classes, and
2. a warning note is sent to the parent or guardian, and notice is given to the student, the directors of College organizations, and the Faculty.

General Probation is effective the Monday following reports from instructors indicating that the student is failing to meet the requirements.

General Probation cannot be removed before the expiration of one week.

### *Special Probation*

When in the opinion of the *Scholastic Standing Committee* a student's scholastic record is endangered, the *Committee* may place him on special probation, giving him until the end of the semester to improve his record or withdraw from College.

### *Enforced Withdrawal*

Gettysburg College expects all students to accept the responsibilities of mature men and women at all times and to consider carefully the influence of their conduct upon other members of the College family and the community. The College reserves the right of dismissal for conduct unbecoming to a student of Gettysburg College.

### *Reinstatement*

A student dismissed from the College for *any cause* may not be reinstated except by petition to the Faculty. Such petitions will be considered on their own merits, but *in no case* will a student be readmitted during

the semester immediately following the one in which the penalty was incurred. A student dismissed for misdemeanor loses all credit for work done during the semester. A student who has been reinstated and fails in scholarship a second time will be required to withdraw from the College permanently. Any reinstated student will be on general probation for one year.

# College Life

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## Living Facilities

*Dormitory Accommodations.* A student wishing to live in one of the College dormitories must fill out a room application form and mail it to the Dean of Men. The room application must be accompanied by a \$10.00 room deposit. Applications will be considered in the order of their receipt by the Dean. Women students, except those living at home, are required to room under dormitory supervision.

*Dormitory Furnishings.* Each room contains a single bed, a mattress, a dresser, a study desk, and a chair for each student. Pillows, linens, blankets, study lamps, draperies, and other accessories must be furnished by the student. Pictures and other decorations may be suspended only from the molding.

*Room Deposit.* The room deposit of \$10.00, submitted with the application for a room, is not an advance payment of rent. This deposit will be held by the College during the student's occupancy of a dormitory room. Upon the student's graduation, withdrawal from the dormitory, or withdrawal from College this deposit will be refunded, less any amounts charged against the occupant for damage to College property.

If an applicant for a room should withdraw his reservation before July 1, he will be entitled to a \$5.00 refund. No refunds will be made after July 1, except that the full \$10.00 will be refunded to an applicant for whom the College is unable to provide accommodations.

*Rooms in Fraternity and Private Houses.* In addition to living quarters in the Dormitories and Housing Units, there are rooms for many upperclassmen in their respective fraternity houses. Other upperclassmen, moreover, find it expedient to live in private homes throughout the community. Rates and furnishings in private homes are agreed upon by the persons concerned.

*Board.* The College maintains a dining room in Huber Hall, at which all women students except those living at home are required to take their meals. Each fraternity operates its own dining hall. Men students and wives of students may arrange to take their meals at Huber Hall.

*Automobiles.* All students who desire to drive automobiles to, from, or on the Gettysburg College campus are required to register them with the office of the Dean of Men. Since parking space is limited, it is necessary to enforce certain regulations governing the driving and parking of automobiles on the campus. A detailed statement of the regulations will be issued from the office of the Dean of Men at the time of registration.

## *Counseling*

*Orientation Week.* During the first week of the fall term new students participate in a special program designed to help them become adjusted to their new environment. Provided for the students under this program are personal conferences with advisers and counselors, lectures and discussions pertaining to college life, achievement and placement tests, social meetings with members of the Faculty, and trips to nearby points of interest. The tests provide the College with valuable information concerning the aptitudes, interests, and educational background of each new student and assist the College in its efforts to provide for him an education suited to his needs.

*Orientation Program.* As a complement to *Orientation Week*, a series of conferences for new students is conducted during the early part of the academic year to assist them in solving the more personal problems of campus life.

*Curriculum Advisement.* After the Freshmen have tentatively selected their first-year courses, the Registrar assigns them to Freshman Advisers, who assist with formal registration and, after the Orientation Week tests are finished, discuss and authorize course changes. Working under the direction of the Dean of Men, the Freshman Advisers issue grade reports to their advisees and assist them in determining their major fields of study.

At the end of the Freshman year, students elect major fields and select their Sophomore courses with the assistance of the head of the department in which they intend to major.

*The Dormitory System.* Under the guidance of carefully selected and well-trained Student Counselors, the students solve their own dormitory problems. The arrangement is in no sense a system of restraints, but is designed to give training in the principles of cooperative living.

*Student Counseling Service.* Under the direction of the Guidance Counselor, assisted by the Dean of the College, the Chaplain, the Dean

of Men, the Dean of Women, and the College Physician, a guidance service is available to assist students with educational, vocational, social, and personal problems. This work is carried on by means of personal interviews and standard psychological tests. The guidance service is provided free to all students. They may seek it voluntarily or may be referred to it by Advisers or other Faculty members. Study clinics are held from time to time as the need for them may arise.

*Veterans' Testing Service.* Gettysburg College is an official center for the Veterans' Testing Service of the United States Armed Forces Institute, popularly known as USAFI. The College administers, scores, and certifies the official forms of the General Education Development (GED) tests. No charges are made for administering these tests to Gettysburg College students. There is a charge of \$3 for the GED series of five tests administered to persons not registered in the College at the time of the testing. All requests for GED tests should be addressed to the Registrar.

### *Remedial Reading*

Since a student's success in college depends largely upon his ability to comprehend and evaluate written materials, a non-credit course designed to enable the student to increase his reading efficiency, both in comprehension and in speed, is offered to all students each semester, without additional tuition charges.

When a student is having scholastic difficulties due to a reading deficiency, the *Committee on Scholastic Standing* may require the student to attend under the regular class attendance rules the remedial reading course as a condition for his remaining in college. It may also require him to withdraw from one of his other courses if it is deemed advisable.

### *Lectures*

*College Lecture Series.* The Board of Trustees of the College annually appropriates money to secure widely known scholars, travelers, and lecturers to speak on topics of interest to the students and to the community. Admission to these lectures is free.

*College and Community Concert Series.* Gettysburg College cooperates with music lovers of the community in arranging a concert series each year. Admission to the concerts is free to College students.

*Bell Lectureship.* A fund of \$2,100 from the estate of the late Rev. Peter G. Bell, ex-'60, was given to the College for the establishment of a Lectureship on the Claims of the Gospel Ministry on College Men. The main object of this foundation is "to keep before the students of the College the demand for men of the Christian ministry and the conditions of the age qualifying that demand."

*Stuckenberg Lectureship.* Mrs. Mary G. Stuckenberg gave a fund of \$1,000 for the establishment of a Lectureship in Sociology in honor of her late husband, J. H. W. Stuckenberg, D.D., LL.D., by the terms of which the College sponsors annually a lecture by a specialist on some phase of Sociology from the standpoint of Christian Ethics.

### *Music*

*The Band* is composed of approximately fifty members and performs as a marching unit at football games both on campus and away, and at parades and other school and community functions throughout the fall term. During the spring the band performs mainly in concert. Students whose interest is primarily in concert band work, as well as those who play instruments unsuited to the marching band, may take part in only the second semester if they so desire.

*The Gettysburg College Choir* is an organization of approximately fifty young men and women. Auditions are held at the beginning of each school year. Applicants are chosen on the basis of voice quality, trueness of ear, musical feeling, and general musical intelligence. The Choir appears at special services held in the Chapel, gives periodic concerts on the campus, and makes an extended tour through the surrounding states in the spring of each year.

Service with all musical organizations sponsored by the College is recognized by suitable insignia awarded at the end of a designated period of service.

A Faculty director is provided for each of the musical organizations. He is assisted by a staff of student officers.

### *Dramatics*

The Owl and Nightingale Club aims not only to bring out the latent dramatic talent of the students in acting, scene painting, and play writing but also to provide the College and the community with good

entertainment. As the dramatic workshop of the College, it produces from four to six representative new plays a year. Active membership in the club is gained by performances in a certain number of plays, by staff work, or by both.

In addition, short plays, presented from time to time, provide students of the Dramatic Arts classes opportunities in direction and production. All scenery is constructed by the students under Faculty supervision.

It is expected that in the near future the main floor at Brua Hall, remodeled for dramatic purposes, will be available to the group for use as a "little theatre."

### *Religious Life*

*Church Services.* Gettysburg College believes that regular church attendance is an essential part of the life of any student, especially when the student is away from the incentives and restraints of the home. Gettysburg College strongly emphasizes the importance of attending church services each Sunday. The churches of Gettysburg are eager to welcome the students of the College to their services and also sponsor special Sunday School classes for their student members.

*Chapel Services.* The College conducts for its students week-day Chapel services under the direction of the Chaplain and the Student Christian Association Cabinet. Local clergymen, the President of the College, and members of the Faculty are the principal speakers.

*Student Christian Association.* The Student Christian Association is a fellowship of men and women undergraduates dedicated to the development of Christian character. This organization, founded in 1867, functions today through a wide variety of projects including monthly Association meetings, daily devotions, forums, lectures, discussion and study groups, publications, social service activities and conferences, most of them held in Weidensall Hall. The SCA welcomes into its membership all students regardless of denominational affiliation. Its administration is vested in a Cabinet under the direction of the College Chaplain, which is composed of the officers of the association and the chairmen of the standing commissions. The SCA is the only religious group permitted to hold regular meetings on the Campus.

*Sunday Evening Devotional Service.* An informal worship service is conducted by the students each Sunday evening in Christ Chapel.

*Candlelight Service.* A worship service composed of sacred music, devotional reading, and silent meditation is conducted by and for the stu-

dents at 10:30 o'clock on Thursday evening of each week of the school year.

Responsibility for both of these Campus services is vested in the SCA, which invites all students, whether members of the Association or not, to attend in Weidensall Hall.

### *Religion-in-Life Week*

Each year near the beginning of the second semester a period of three days is set aside during which time a number of outstanding Christian leaders are brought to the campus to give lectures and conduct discussions on some thought-provoking religious theme. This program is known as "Religion-in-Life Week." The College considers this one of the high points of the school year—vitally important to the spiritual strengthening of every Faculty and student member of the College.

### *Publications*

*The Alumni Bulletin*, a quarterly published by the Alumni Office, keeps alumni informed on current College events and purposes.

*The Gettysburg College Bulletin*, *Catalog Issue* is published in February of each year.

*The Gettysburg College Summer Session Catalog* is published in March of each year.

*The Gettysburgian*, edited by a staff of students, is published weekly during the College year and prints chiefly College and alumni news and opinions.

*The G-Book*, sponsored by the SCA and issued at the opening of each College year, gives valuable information and suggestions to incoming students.

*The Mercury*, a magazine published by the students of the College, is under the supervision of the English Department and seeks to encourage creative writing by the students.

*The Spectrum*, an annual published by the undergraduates, contains pictorial representations of the College with its various organizations, activities, and surroundings, and information about students.

*The Woman's League Bulletin*, published in December of each year, is a summary of the work of the League for that year.

The purpose of all the publications is to improve communication between the College and its graduates, former students, and friends. These

enterprises are cordially commended to the patronage of those interested in the welfare of the institution.

### *Radio Workshop*

A student radio station, WWGC, has its studio on the third floor of Breidenbaugh Science Hall and broadcasts a variety of programs on a regular schedule during the College year.

### *Debating*

There are two debating clubs, one for men and one for women. Each group engages in a number of debates each season with various colleges.

### *Speakers' Bureau*

All students registered for Advanced Public Speaking are required, and other students are invited, to become members of the Speakers' Bureau. This Bureau is a public service organization which provides speakers for various clubs and meetings in Gettysburg and adjacent communities.

### *The Student Chest*

On petition from the Campus Senate, representing the student body, the Board of Trustees adopted a system known as the Student Chest for coordinating the finances of student organizations. This system eliminates requests and campaigns for money by student groups. The fee for this fund is included in the Comprehensive Fee. The fund is distributed under the direction of the Student Chest Committee to the various student organizations.

### *The Campus Senate*

The Campus Senate, with a membership of about twenty-four, consists of four members of the Faculty and one student representative from each of the living groups on the campus.

The basic functions of the Senate are to represent the student body in the formulation of school policies and to promote cooperation among the Administration, Faculty, and Students.

Besides fostering this policy, the Senate assumes responsibility for the Men's Tribunal, conducts each fall a Freshman campfire, conducts class elections, nominates candidates for the Zimmerman prize, and considers problems of the student body as a whole.

### *The Inter-Fraternity Council*

The Inter-Fraternity Council, composed of representatives from each of the fraternities on the campus, acts as the coordinating agency in fraternity affairs and activities. This group sponsors the inter-fraternity dances, advises on intramural sports, establishes rules for rushing, and conducts a general program designed to promote harmonious relations among the fraternities.

### *The Pan-Hellenic Council*

The Pan-Hellenic Council is composed of a Senior and a Junior member from each of the four national sororities represented on the campus. The Council, functioning as a governing body, regulates inter-sorority relations and fosters harmony between sorority and independent women.

### *Phi Beta Kappa*

The Gettysburg chapter of Phi Beta Kappa was organized on January 11, 1923. A maximum of 10 per cent of the Senior Class may be elected to this honor society each year. Candidates for membership must show promise of both intellectual and moral leadership and must possess a broad general culture as well as a distinguished academic record.

### *Fraternities, Sororities, and Societies*

#### *National Social Fraternities and Sororities*

College fraternities and sororities are dedicated to the high ideals of friendship and service. Through their activities in behalf of the individual, the group, the College, and the community, they play a vital role in campus life.

At Gettysburg there is mutual cooperation among the College, the fraternities, the sororities, and the student body. The College realizes that these societies, functioning properly, aid it in achieving its objectives.

On the campus at Gettysburg are 12 fraternities—11 national and one local—and four national sororities.

Alpha Tau Omega	Phi Kappa Psi
Alpha Xi Delta	Phi Kappa Rho (Local)
Chi Omega	Phi Mu
Delta Gamma	Phi Sigma Kappa
Kappa Delta Rho	Sigma Alpha Epsilon
Lambda Chi Alpha	Sigma Chi
Phi Delta Theta	Tau Kappa Epsilon
Phi Gamma Delta	Theta Chi

*National Honorary and Professional Fraternities and Sororities*

Alpha Kappa Alpha: a society for students of Philosophy.

Arnold Air Society: a society for superior students in the Advanced Course of Air ROTC.

Beta Beta Beta: a fraternity for students of Biology.

Delta Phi Alpha: a German language society.

Eta Sigma Phi: an undergraduate fraternity for students of the Classics.

Kappa Delta Epsilon: a professional Education sorority.

Kappa Phi Kappa: a professional undergraduate Education fraternity.

Pershing Rifles: a military society for students in the Basic Course of Army ROTC.

Phi Alpha Theta: a fraternity for majors in History.

Phi Sigma Iota: a society for students of the Romance Languages.

Pi Delta Epsilon: a journalistic society.

Pi Lambda Sigma: a fraternity for majors in Political Science and Economics.

Psi Chi: a society for students of Psychology.

Scabbard and Blade: a military society for students in the Advanced Course of Army ROTC.

Sigma Pi Sigma: a society for students of distinction in Physics.

Tau Kappa Alpha: a society for students excelling in forensics.

*Local Honorary and Professional Clubs*

El Circulo de Español: a club fostering the study of Spanish and Spanish-American culture.

Gettysburg Honor Society: a society comprised of students excelling in scholarship and extracurricular activities who, in association with the Faculty, are dedicated to the attaining of a superior Gettysburg College.

Le Cercle Français : a club offering an opportunity to acquire fluency in speaking French.

Pen and Sword : a society honoring Juniors and Seniors of outstanding achievement in activities or athletics.

Pre-Ministerial Association : an organization for students preparing for the ministry.

Sceptical Chymists : an organization of students in Chemistry.

Tertulia Española : a club encouraging fluency in speaking Spanish.

### *Other Organizations*

Alpha Phi Omega : a national service fraternity, composed of former Boy Scouts, pledged to develop friendship and to promote service to the College, the community, and the nation.

Booster Club : a club consisting of representatives of various campus groups originated to stimulate College spirit and athletic interest within the student body.

Gavel Club : a club designed to increase the effectiveness of the fraternities through efficient leadership.

Independent Men : an organization designed to provide for the general welfare of those men who are not members of fraternities.

Independent Women : an organization of non-sorority women designed to promote the social welfare of its members.

International Club : a club dedicated to the promotion of world peace.

Modern Book Club : a club fostering the study and critical appraisal of contemporary literature.

Outing Club : a club sponsoring those outdoor activities for which the College provides no formal program.

Women's Athletic Association : an organization sponsoring individual, group, intramural, and intercollegiate sports for women students.

## *Athletics*

### *Intercollegiate Athletics*

In order to conduct through a democratic, cooperative, and understanding agency a comprehensive athletic program for the students of Gettysburg College, the Board of Trustees of the College has authorized an Advisory Committee on Athletics to confer at stated times with those responsible for the Athletic Program.

The College maintains membership in the National Collegiate Athletic Association, the Eastern Collegiate Athletic Conference, and the Middle Atlantic States Collegiate Athletic Conference.

The program of intercollegiate activities for men includes football, cross-country, basketball, soccer, baseball, tennis, golf, wrestling, track, and swimming.

The program of activities for women includes field hockey and basketball.

All full-time students are admitted to all contests held on the campus without charge.

### *Intramurals*

The intramural program is designed to afford opportunities for all students not on varsity squads to enjoy the benefits of participation in sports. Competitive teams are organized from the fraternities, sororities, and independent groups. Team awards are made for team activities; individual awards for success in individual sports. Intramural activities are conducted under the supervision of an Intramural Council, consisting of the Director of Intramurals, who is a member of the Physical Education Department; the Director of Athletics; the varsity coaches; the sports editor of the campus newspaper; the president of the Interfraternity Council; the president of the Campus Senate; one independent representative; and two student representatives from the Athletic Council.

*The Intramural Program for Men* has an extensive program of activities which includes touch football, volleyball, basketball, foul-shooting, tennis, softball, table-tennis, and swimming.

*The Intramural Program for Women* is conducted by the Director of Women's Physical Education, with the assistance of the Women's Athletic Association, and aims to maintain interest in sports and to promote good sportsmanship. The Women's Athletic Association, organized under an Executive Committee and a sports board comprised of student managers for each sport, includes as members all women students.

Competitions are arranged among the sororities and the independent women in field hockey, basketball, volleyball, softball, bowling, tennis, and table tennis.

### *Student Health Service*

In order to be informed adequately of the state of health of each new entrant as soon as he begins his College career, the College requires each

applicant for admission to submit to the Dean of Admissions a medical report from his family physician on the official form provided by the College. Each student must present this health form before matriculation and an additional report for each year of attendance. Women students are examined by the College Physician.

A student Health Service is maintained for the benefit of all students. Included as part of the service is a well-equipped Infirmary, staffed by a Medical Director and Registered Nurses. This service entitles each student to the following:

1. Periodic medical examination if recommended on the medical report submitted by the family physician.
2. Consultation and treatment by the College Physician.
3. Most necessary medications.
4. Certain diagnostic procedures, as ordered by the College Physician.
5. Infirmary care for all students. Those taking their meals in Huber Hall do not pay extra for meals while in the Infirmary, but those normally eating elsewhere pay \$2 a day.

The Health Service does not provide for treatment of chronic illnesses, nor optical or dental care. Consultation with an additional physician, operations, and hospitalization are at the student's expense.

### *Placement Service*

*Teacher Placement.* The College maintains a free Teacher Placement Bureau to assist Seniors and graduates in securing positions and to aid school officials in locating properly qualified teachers.

All communications should be addressed to the Director of the Teacher Placement Bureau.

*College Placement.* The College operates a general placement service for its students and alumni. The Guidance Counselor, in cooperation with the Dean and Department Heads, arranges for the employment personnel of many business and industrial organizations to meet students for personal interviews looking forward to employment. He maintains a library on career possibilities in business and the professions.

Students who wish aid in securing placement should register with the Guidance Counselor early in their Senior year.

*Informal Placement.* The Administration and Advisers informally assist students in securing employment or placement in graduate school.

# *Honors, Prizes, and Scholarships*

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## *Senior Honors*

The following honors are awarded at the close of each academic year to members of the graduating class under the conditions as stated below:

*Valedictorian.* The highest scholastic average during the last three years, the Senior Comprehensive Examination passed "with highest honors," attendance during the entire four years.

*Salutatorian.* The second highest scholastic average during the last three years, the Senior Comprehensive Examinations passed "with highest honors," attendance during the entire four years.

*Summa cum laude.* Senior Comprehensive Examination passed "with highest honors," four-year quality point average of 2.75 or higher.

*Magna cum laude.* Senior Comprehensive Examination passed "with highest honors" or "with honor," four-year quality point average of 2.50 or higher.

*Cum laude.* Senior Comprehensive Examination passed "with highest honors" or "with honor," four-year quality point average of 2.30 or higher.

*Summa cum laude, magna cum laude, and cum laude* are based on four year records and are primarily for students with four years of residence at Gettysburg College. However, upon the recommendation of the Registrar, the *Scholastic Standing Committee* may grant these honors to transfer students who have satisfied the conditions of the honor during at least two full years of residence at Gettysburg and who have presented excellent transfer grades.

*Departmental Highest Honors.* Recommendations by the major department, a quality point average of 2.75 or higher in the major subject during the last three years, presentation of a thesis (or its equivalent) satisfactory to the department, Senior Comprehensive Examinations passed "with highest honors."

*Departmental Honors.* Recommendation by the major department, a quality point average of 2.50 or higher during the last three years in the major subject, Senior Comprehensive Examinations passed "with highest honors" or "with honor."

A transfer student with at least two full years of residence at Gettysburg is eligible for *Departmental Highest Honors* or *Departmental Honors* on the basis of grades attained at the College if he meets all other conditions.

### *Other Honors*

*Class Honors* for Freshman, Sophomore, Junior, and Senior years. *Highest Class Honors* for the year will be awarded to those students who have maintained the grade of *A* in all their studies throughout the year. *Class Honors* for the year will be awarded to those who have maintained the grade of *A* in at least half of the work of the year and do not have a grade below *B* in any of their studies for the year.

*Dean's Scholastic Honor List.* Any student who attains a scholastic average of 2.50 in any semester is honored by the Faculty for scholastic excellence. The list of students so honored is published in the *Gettysburgian* and on the bulletin board.

Basic courses in the required Physical Education or Reserve Officers' Training Corps are not considered in computations for honors and prizes.

Advanced credits granted to veterans for work in United States Armed Service Schools shall be counted as residence credits in awarding all honors.

These awards are published in the Commencement Programs and the Catalog issues of the *Bulletin*.

### *Prizes*

The following prizes are offered annually for outstanding scholarship and achievement:

*Baum Mathematical Prize:* The income from \$500, contributed by Charles Baum, M.D., Ph.D., Class of 1874, of Philadelphia, is given annually to the Sophomore showing the greatest proficiency in Mathematics.

*The Charles W. Beachem Athletic Award:* The Student Christian Association presents each year an award in the form of a cup, in memory of Charles W. Beachem, a member of the Class of 1925 and first Alumni Secretary of the College. The award, based on Christian character, scholarship, and athletic achievement, is given to a member of the Senior Class.

*Chi Omega Social Science Award:* The sum of \$25 is given by the National, Active, and Alumnae groups to the Junior or Senior girl excelling in Social Sciences. This award is sponsored by the national fraternity and given in every college which has an active Chi Omega chapter.

*Class of 1916 Prize:* The sum of \$25 is awarded to the Sophomore who has given most to the College.

*Delta Gamma Alumnae Association Award:* The sum of \$25 is given to the Junior girl who has made the greatest contribution to the College.

*Delta Phi Alpha Prize:* A valuable book on German culture is awarded to the outstanding student for the year in the German Department.

*Edwin and Leander M. Zimmerman Senior Prize:* The interest on \$1,000 is given to the Senior whose character, student influence, and scholarship have contributed most to the upbuilding of the College.

*Franklin Moore Award:* This award, the income from an endowment of \$6,500, is given annually to the member of the graduating class of Gettysburg College who through his or her four years as an undergraduate of Gettysburg College has shown the highest degree of good citizenship and who by his or her character, industry, enterprise, initiative, and personal activities has contributed the most toward campus morale and the prestige of Gettysburg College.

*Graeff English Prize:* This prize was founded by John E. Graeff, Class of 1843. The interest of a fund of \$500 is awarded for the best English essay from a member of the Senior class on an assigned subject.

*Hassler Latin Prize:* The income from a fund of \$500, contributed by Charles W. Hassler, is annually awarded to that student of the Junior class who, at the end of the year, shall be rated as the best Latin student.

*John Alfred Hamme Award:* Established in 1948-49 by John Alfred Hamme, York, Pa., three awards of \$50 each to the three Juniors who

have demonstrated in the highest degree the qualities of loyalty, kindness, courtesy, true democracy, and leadership.

*Military Memorial Prize:* The income from a fund of \$500, contributed by the alumni and friends of Gettysburg College, is to be awarded annually to the student who has attained the highest standing in either the first or second year of the Advanced Course as a member of the Reserve Officers' Training Corps.

*Muhlenberg Freshman Prize:* The income of a fund of \$500 contributed by F. A. Muhlenberg, D.D., LL.D., a former professor at Gettysburg College, is given at the close of each year to that member of the Freshman class taking Latin or Greek or both who is found to have attained the highest general scholarship average.

*Nicholas Bible Prize:* The income from a fund of \$500 established by the Rev. J. C. Nicholas, D.D., Class of 1894, is annually awarded to that member of the Senior class who has done the best work in advanced courses in Biblical Literature and Religion.

*Phi Sigma Iota Prize:* The sums of \$5 and \$2.50 are given to the two members presenting the best papers to the fraternity.

*Samuel Garver Greek Prize:* The income from a fund of \$500 established by the Rev. Austin S. Garver, A.M., Class of 1869, in memory of his father, Samuel Garver, is annually award to the student who has made the greatest progress in Greek during his Freshman year.

*Samuel Garver Latin Prize:* The income from a fund of \$500 established by the Rev. Austin S. Garver, A.M., Class of 1869, in memory of his father, Samuel Garver, is annually awarded to the student who has made the greatest progress in Latin during his Freshman year.

*Samuel P. Weaver Scholarship Foundation:* Established by Dr. Samuel P. Weaver, President of the Great Northwest Life Insurance Company, this foundation awards the sums of \$50.00 and \$25.00 to those two members of the student body who write the best essays on an assigned topic in the field of constitutional law and government.

*Sceptical Chymists Prize:* The sum of \$10, to encourage the presentation of meritorious talks, is awarded annually by the Sceptical Chymists to the member or pledge who delivers the best speech before the Society during the year.

*Stine Chemistry Prize:* The income from a fund of \$1,000 established by Charles M. A. Stine, Ph.D., Sc.D., LL.D., Wilmington, Del., Class of 1901, is awarded annually at the end of the Senior year to a student majoring in Chemistry. The winner of the prize is determined on the basis of his Chemistry grades, laboratory techniques, personality, general improvement in four years, and proficiency in the subject at the time of his selection.

Note: Only students who have been in attendance during all of the period for which prizes are designated are eligible for the awards.

### *Scholarships and Aid for Students*

*Qualifications for a Scholarship.* In granting aid, the *Committee on Scholarships* is governed primarily by *character, need* for assistance, and *academic ability*. In addition, the Committee may consider promise of a contribution to the College through outstanding service.

Because the fundamental purpose of a scholarship at Gettysburg College is to assist worthy students who otherwise could not attend except by undue sacrifice on the part of the parents in securing a college education, the principal emphasis in a grant is on the *need* of the applicant. Some preference is given where two or more children from the same family are attending Gettysburg College simultaneously. Under certain conditions, the children of ULCA clergymen, not receiving aid from other sources, may be granted a discount in tuition.

*Application for a scholarship.* New students may receive the Application for a Scholarship Form from the Dean of Admissions along with the Application for Admission. Preferably both applications should be presented at the same time; however, the Committee continues to consider scholarship grants until the deadline of July 1.

Students renewing applications or old students presenting applications for the first time may receive application forms from the Chairman of the *Committee on Scholarships*. Those applications must be returned to the Chairman not later than May 1.

#### *Conditions of a Scholarship Grant:*

1. Scholarships are awarded for one year at a time. Ordinarily they are renewable, upon application, if the original conditions continue.

2. Scholarship aid is never granted to a student for more than eight semesters. There are no scholarships available during a Summer Session.
3. No student placed on probation for any reason may continue to hold a scholarship.
4. The amount granted for a scholarship is applied as a credit on the College bill.

### *Types of Scholarships*

The following sections describe the types of scholarships and other forms of aid available. All are granted under the qualifications and conditions previously explained.

#### *General College Scholarships*

The returns from an endowment and funds from other sources have been set aside to assist worthy students. New students should apply for College scholarships, for rarely can they qualify for the special conditions called for in the Endowed Scholarships. These College Scholarships are granted in various amounts according to the need of the student, but never for more than that portion of the Comprehensive Fee allocated for tuition.

#### *Competitive Scholarships*

The College offers twenty-five scholarships granted on the basis of competitive examinations to high school seniors who rank academically in the upper quarter of the graduating class and who have an unqualified character recommendation from their school.

These scholarships range from \$475.00 annually for each of four years for a total of \$1,900.00 each down to \$100.00 annually for each of four years for a total of \$400.00 each. These examinations are administered at Gettysburg College only. The 1954 date is March 20. The 1955 date will be announced early in the school year 1954-1955.

#### *Endowed Scholarships*

Endowed funds have been set up for the award of scholarships under the conditions described in each of the following grants:

*Frank D. Baker Bequest:* The sum of \$300 annually is available through the generous bequest of Frank D. Baker to aid students in immediate need of financial assistance. This fund is to be administered by the President of the College.

*Dr. Joseph B. Baker and Rena L. Baker Scholarship Fund:* The income from \$2,500 is to be given each year to a needy and deserving student in the Music Department to provide for special lessons in that department.

*Bateman Scholarship:* The Rev. Sydney E. Bateman, M.D., Class of 1887, established a scholarship fund of \$500, the income from which is awarded each year to a needy student preparing for the ministry.

*Jessie E. Benner (1907) and Minerva B. Benner Scholarship Fund:* The income from \$10,000 is to be used to aid worthy students financially in need. The student or students to be aided shall be preferably, but not necessarily, those studying for ministry of the Gospel.

*Blough Scholarships:* Burton F. Blough, a former member of the Board of Trustees, established a scholarship endowment fund of \$5,000. The income from this fund is to be used to aid needy and deserving students.

*Cambridge Rubber Foundation Scholarship:* Funds made available through the generosity of the Cambridge Rubber Foundation, Inc., provide a sum of \$200 per year to be granted to one or two entering Freshmen. In rare instances this sum may be granted to an upperclassman if, in the opinion of the Committee on Scholarships, the upperclassman is better qualified and more deserving.

*Class of 1913 Scholarship Fund:* The income from a fund of \$2,500 is to be given each year to a needy and deserving student.

*Class of 1918 Scholarship Fund:* The income from a fund of \$2,650 is available each year for a needy and deserving student or students.

*Jacob Charles and Rosa Bott Eisenhart Scholarship:* The income on a fund of \$6,500, established by the J. C. Eisenhart Wall Paper Company, is available each year toward the payment of the tuition of deserving students preparing to become Lutheran Missionaries, or who plan to attend a Lutheran Seminary.

*Clarence A. and Myrtle B. Eyler Scholarship:* The income on a fund

of \$5,000 is available each year toward the payment of the tuition of a deserving student.

*Margaret E. Fisher Memorial Fund:* Nelson F. Fisher, M.D., '18, contributed a fund of \$6,000 in memory of his mother, Margaret E. Fisher, the income on which is to be applied to the tuition of the athlete who excels in one or more major sports and who achieves the highest scholastic average among winners of varsity letters.

*The Henry W. A. Hanson Scholarship Foundation:* This award was established by the Board of Trustees of Gettysburg College in honor of Henry W. A. Hanson and in recognition of his leadership and of his distinguished service to Gettysburg College and to the cause of education in the Lutheran Church and in the nation. The recipient shall be chosen from the members of the Senior Class who expect to enter graduate school in preparation for college teaching. The applicant must have successfully passed the Graduate Record Examination. If the Senior elected cannot accept, the next qualified candidate can be elected. If no member of the Senior Class is chosen, the Committee may select a member of a previous class. The grant is the income from a fund of \$8,675.

*Kirschner Scholarships:* Mr. and Mrs. C. J. Kirschner established a scholarship endowment fund of \$10,000 to perpetuate the memory of their son, Alvan Ray Kirschner, who lost his life in World War I. The income is divided into two scholarships, which are awarded to students under certain conditions which give preference to those from Hazleton and vicinity. Applications for the use of these scholarships should be made directly to Mr. C. J. Kirschner, Hazleton, Pa.

*Lutheran Brotherhood Scholarship:* A scholarship established by the Lutheran Brotherhood Life Insurance Society to be presented to a Junior Lutheran student at the time of his registration as a Senior. This student must, in the opinion of the *Committee on Scholarships*, be outstanding in religious leadership and scholastic ability and other qualifications determined by the Committee.

*Dr. John E. Meisenhelter Scholarship:* This award is the income from a bequest establishing a scholarship amounting to \$300 a year. The principal is held in the permanent Endowment Fund.

*J. Elsie Miller Scholarship:* The income on a fund of \$5,000, bequeathed by J. Elsie Miller, is available each year toward the payment

of the tuition of deserving young men preparing for the Lutheran ministry.

*Miller-Dewey Education Fund:* The income from a fund of \$10,000 established by the late Rev. Adam B. Miller, A.M., a member of the Class of 1873, is annually available for the purpose of aiding deserving persons in obtaining an education at Gettysburg College. The graduates of Loysville Orphans Home have the first claim on these scholarships.

*McCollough Scholarships:* These scholarships were established in memory of Charles B. McCollough, Jr., by his parents, Mr. and Mrs. Charles B. McCollough, Sr., and his great uncle, Mr. H. B. Earhart. The income from a fund of \$17,143.75 is awarded annually to two men and two women at Gettysburg College on the basis of character, need, and ability.

*C. H. Musselman Company Scholarship:* Funds made available through the generosity of the Musselman Foundation provide a four-year scholarship in the amount of \$625 per year. If two or more applicants should meet the general qualifications for this scholarship, preference shall be given to the applicant who has selected or signifies his or her intention of selecting chemistry or business administration as the major course of study. This factor shall be disregarded if no applicant has selected or signified his or her intention of selecting either chemistry or business administration as the major course of study.

*Nellie and Bernard Oller Memorial Scholarship:* The interest on a fund of \$5,000, bequeathed by Mrs. Ida R. Gray, is available each year toward the payment of the tuition of a deserving student. This scholarship is awarded under certain conditions which give preference to students from Waynesboro, Pennsylvania.

*Parent Education Society Scholarship Loans:* The Parent Education Society of the Evangelical Lutheran Church in the United States many years ago placed \$5,000 in the Endowment Funds of the College the income from which is to provide ten scholarship loans each year valued at \$20 each. These scholarship loans may be granted to one or more persons selected by a committee comprised of the President of Gettysburg College and the President of the Lutheran Theological Seminary of Gettysburg.

The person or persons selected must be bona fide students for the ministry, and meet all the requirements for recipients of scholarships.

The amount granted will be used to meet the tuition cost of the student and he will be asked to sign a promissory note which will be automatically cancelled after the recipient serves two continuous years in the ministry.

*Stine Scholarships:* Charles M. A. Stine, Ph.D., Sc.D., LL.D., Class of 1901, established an endowment fund which makes available three \$100 scholarships known as the Milton H. Stine Scholarships. These are awarded each year to young men preparing for the Christian ministry. Dr. Stine established these scholarships in honor of his father and mother.

*Rufus B. Weaver Scholarship Foundation:* The income from a fund of almost \$20,000 established by the widow of Rufus B. Weaver, a graduate of the College in 1862, is devoted to scholarships for deserving students.

*Wellington Scholarship:* The income on a fund of \$5,000, bequeathed by Senator George L. Wellington, is available each year toward the payment of the tuition of a deserving student.

*Synod of West Virginia:* The Synod of West Virginia of the United Lutheran Church in America has made available two scholarships in the amount of \$225 each. These scholarships are available to young men or women who are active members of a congregation of the Synod of West Virginia, are enrolled as entering Freshmen, and have stood in the upper third of their graduating high school class.

These scholarships are awarded by the Synod Scholarship Committee. All applications should be sent to this committee. Address all communications to The Reverend George W. Schillinger, D.D., Chairman, Committee on Scholarships, 1596 Lee St., Charleston, W. Va.

### *Loan Fund*

*Alumni Loan Scholarship Fund:* By resolution of the Alumni Council a portion of Loyalty Fund collections (in the amount of \$8,019) has been set aside as a Loyalty Student Loan Fund which is available only to members of the Senior Class. The funds so allocated may be lent to a student on his or her note, with at least one approved endorser, and shall be without interest until one year after the borrower's class graduates from Gettysburg College, and thereafter shall bear interest at the rate of six per cent per annum.

*Class of 1909 Fund:* A revolving fund amounting to about \$2,000

has been established by the Class of 1909 for the purpose of aiding worthy students.

*Rothfuss Loan Scholarship:* E. Lloyd Rothfuss, M.D., Class of 1916, established a memorial to his father and mother, Charles H. Rothfuss and Martha Huffman Rothfuss, in the form of a \$5,000 loan scholarship fund. This fund is to be administered under terms similar to those of the *Alumni Loan Scholarship Fund*.

### *Reserve Officers' Training Corps*

Students enrolled in the Reserve Officers' Training Corps receive uniforms from the Department of Defense during the Elementary Courses. Students enrolled in Advanced Courses of ROTC receive garrison rations plus the necessary uniforms (a total of about \$700 in two years including one six weeks' summer camp).

### *Self-Help Opportunities*

Gettysburg College is prepared to grant work opportunities to a limited number of deserving students. A work opportunity is a guarantee that there will be available enough work on the campus for the recipient to earn a sum equal to the amount granted.

If studies or illness interfere with the completion of the assigned work, the College will credit the unearned portion to the student's account as if earned.

### *Work-in-Town Opportunities*

Each year students take part-time work in the community. The College assists some students in work placement, but takes no direct responsibility.

# *Courses of Instruction*

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## *General Education Courses*

In view of the growing complexity of our civilization and our increasing awareness of individual responsibility, it has become apparent that premature specialization and the departmental isolation of students and teachers are no longer either ethically defensible or socially practicable. An education valid for our world must find its basis in an integrated understanding of man in his essential roles: as living creature in the natural universe, as inheritor of a rich and significant past, as participant in human institutions, and as discoverer (and creator) of patterns and values which give meaning to human existence. Similarly, the wise choice of a vocation and adequate training in its special techniques must be based upon an inclusive knowledge of the chief fields of human endeavor and some appreciation of the special potentialities and obligations of the various callings.

In an attempt to provide such foundations for its students, the College has established the following general courses. The first two are required of all students.

### 1. INTRODUCTION TO CONTEMPORARY CIVILIZATION

MESSRS. BLOOM, CARL, CRAPSTER, DARRAH, DUNKELBERGER, FORTENBAUGH, GLATFELTER, JARVIS, L. JOHNSON, P. JOHNSON, LANGERHANS, RICHARDSON, and SCHUBART

A general education course introducing the student to the backgrounds of contemporary social problems through the major concepts, ideals, hopes, and motivations of western culture since the Middle Ages.

*Six semester hours credit.*

Required of all Freshmen. Three hours, throughout the year.

### 2. LITERARY FOUNDATIONS OF WESTERN CULTURE

MESSRS. AHRENS, ARMS, HARTSHORNE, LINDEMAN, MASON, SHAFFER, SMITH, SUNDERMEYER, WARTHEN, and WOLFINGER; and MRS. TAYLOR

An introduction to the ideas and forms of Western thought, presented through reading and interpretation of selected classics: Homer through St. Augustine and Dante through Goethe.

*Six semester hours credit.*

Required of all Sophomores. Three hours, throughout the year.

### 3. WORLD LITERATURE SINCE 1830

MR. SUNDERMEYER

The forming of contemporary thought in literary masterpieces of East and West.

*Six semester hours credit.*

Elective for Juniors and Seniors. Three hours, throughout the year.

## Departmental Courses

### Bible

(Biblical Literature and Religion)

*Professor* WALTEMYER, *Associate Professor* DUNKELBERGER, *Instructor* FREED, and  
*Lecturer* CARL

Requirements for a major include 24 semester hours: Greek 6 and Philosophy 12 may be included. Courses 1a and 1b are prerequisite for all other courses in the department and may be counted toward a twelve-hour minor. Pre-theological students majoring in this department are required to have a minor in Greek.

1a. OLD TESTAMENT HISTORY MESSRS. CARL, DUNKELBERGER,  
FREED, and WALTEMYER

The rise and progress of the Hebrew people with emphasis upon the religious truths which, through them, were communicated to the world in preparation for the advent of Christ. *Three semester hours credit.*

Required of all Freshmen. Three hours, first semester.

1b. LIFE OF CHRIST MESSRS. CARL, DUNKELBERGER,  
FREED, and WALTEMYER

The external aspects of Christ's life as it presented itself to those who witnessed it, with a view to an understanding of its eternal significance.

*Three semester hours credit.*

Required of all Freshmen. Three hours, second semester.

4. CHURCH HISTORY MR. WALTEMYER

An extension of the study of Christianity beyond its Biblical limits, as a continuous religious development from its New Testament origins to the present.

Three hours, throughout the year. *Six semester hours credit.*

6. EVIDENCES OF CHRISTIANITY MR. DUNKELBERGER

The theistic evidences and the proofs of the presence and action in the world of a supernatural redemptive power as these appear in the first Christian documents, and in Christian history; deals with the questions which arise in the effort to intellectualize the content of the Christian revelation.

*Three semester hours credit.*

Three hours, first semester. Alternates with Course 13.

Not given 1954-1955.

## 8. RELIGIONS OF THE WORLD

MR. WALTEMYER

A survey of the history and content of the great religions of the world, with a view to their comparison with Christianity and to a better understanding of the peoples of our day. *Three semester hours credit.*

Three hours, second semester. Alternates with Course 14.

Not given 1954-1955.

## 10. NEW TESTAMENT HISTORY AND LITERATURE

MR. WALTEMYER

The spread of Christianity from Jerusalem, through Palestine, to Antioch, through Asia Minor to Greece and then to Rome, with emphasis on the life and writings of Paul. *Three semester hours credit.*

Three hours, first semester.

## 12. THE HEBREW PROPHETS

MR. DUNKELBERGER

The prophets and their times, with a view to discovering the abiding principles contained in their messages. Effort is made to relate these principles to the present social order. *Two semester hours credit.*

Two hours, second semester. Alternates with Course 15.

## 13. CONTEMPORARY RELIGIOUS THOUGHT

MR. DUNKELBERGER

An examination of the ideas of the religious leaders of our times and a consideration of major religious emphases today. *Three semester hours credit.*

Three hours, first semester. Alternates with Course 6.

## 14. INTRODUCTION TO RELIGIOUS EDUCATION

MR. WALTEMYER

The principles and methods of modern religious education applicable to the Sunday School, the week-day Church School, and the Daily Vacation Bible School. *Three semester hours credit.*

Three hours, second semester. Alternates with Course 8.

## 15. PSYCHOLOGY OF RELIGION

MR. DUNKELBERGER

A survey of thought in the field of the psychology of religion as developed by William James, James Leuba, J. B. Pratt, E. D. Starbuck and a few others, together with the significant problems of religious personality and its development. *Two semester hours credit.*

Two hours, second semester. Alternates with Course 12.

Not given 1954-1955.

## Biology

Professor BOWEN, Associate Professor MESSER, Assistant Professors GRANT and HENSLEY, Instructor GRUBE, and Assistants

The courses in this department are designed to provide an understanding of the basic principles of general and comparative biology. Emphasis is placed on the

following features: the cultural values of biological science; correlation of biology with sociology, psychology, and related studies; biological principles in relation to human life; fundamental training for students who plan to enter schools of medicine, dentistry, nursing, forestry, laboratory technology, or other professional biological fields.

Requirements for a major include a minimum of 32 semester hours, as approved by the adviser. A premedical major in Biology includes Biology 1, 2, 3, 4, 5, and such other courses in Biology, and in Physics, Chemistry, English, and modern foreign languages as are arranged with the adviser.

### 1. GENERAL BIOLOGY

MESSRS. GRANT, GRUBE, HENSLEY, MESSER,

and ASSISTANTS

Basic principles of structure and function in plants and in animals, including man. *Eight semester hours credit.*

Three class hours and three laboratory hours, throughout the year.

### 1B. GENERAL BOTANY

MR. GRUBE

An introduction to the biology of plants, presenting basic principles and emphasizing the position of plants in nature and in relation to human interests.

*Four semester hours credit.*

Three class hours and three laboratory hours, either semester.

### 1Z. GENERAL ZOOLOGY

MR. GRANT

An introduction to the biology of animals, presenting basic principles and emphasizing the position of animals in nature and in relation to human interests.

*Four semester hours credit.*

Three class hours and three laboratory hours, either semester.

### 2. VERTEBRATE ZOOLOGY

MR. MESSER

Detailed examination of representative vertebrates, with special emphasis upon comparative anatomy, the physiological importance of organs, and the relationships existing among the various groups of vertebrate animals.

*Four semester hours credit.*

Prerequisite: Biology 1. Three class hours and three laboratory hours, first semester.

### 3. MAMMALIAN ZOOLOGY

MR. MESSER

Detailed structure of a typical mammal and an introduction to human anatomy and physiology. *Four semester hours credit.*

Prerequisites: Biology 1 and 2. Three class hours and three laboratory hours, second semester.

## 4. EMBRYOLOGY

MESSRS. BOWEN and GRANT

Development from the germ cells to the establishment of the principal organs of the body, including both the anatomy and physiology of development.

Prerequisites: Biology 1 and 2. Three class hours and three laboratory hours, second semester. *Four semester hours credit.*

## 5. HISTOLOGY

MESSRS. BOWEN and GRANT

The microscopic structure of the fundamental tissues and principal organs of the animal body, including the techniques of preparing materials for examination.

Prerequisites: Biology 1 and 2. Three class hours and three laboratory hours, first semester. *Four semester hours credit.*

## 6. BOTANY

MR. GRUBE

A survey of plants, including their structures, physiological activities, and relations to man. Emphasis on field work. *Three semester hours credit.*

Prerequisite: Biology 1. Two class hours and three laboratory hours, second semester.

## 7. FIELD WORK IN BIOLOGY

The identification and distribution of plants and animals, and the mutual relations between organisms and their environment.

Prerequisite: Biology 1.

## 7A. EMPHASIS UPON ORNITHOLOGY

MR. GRUBE

Two class hours and three field or laboratory hours, second semester.

Alternates with Course 7B. *Three semester hours credit.*

## 7B. EMPHASIS UPON HERPETOLOGY

MR. HENSLEY

Two class hours and three field or laboratory hours.

Alternates with Course 7A. *Three semester hours credit.*  
Not given 1954-1955.

## 8. GENERAL PHYSIOLOGY

MR. BOWEN

The mechanics and dynamics of living matter, with special reference to man.

Prerequisites: Biology 1 and 2. Three class hours and three laboratory hours, second semester. *Four semester hours credit.*

## 9. BIOLOGICAL SEMINAR

STAFF

The use of scientific publications, including recent biological texts and current journals. *Four semester hours credit.*

Course offered to Junior and Senior Biology majors only. Two class hours, throughout the year.

## 10. PRINCIPLES OF HEREDITY

MR. BOWEN

The fundamental principles of heredity as observed in common plants and animals, including man, and the relationships between heredity and development, physiology, and evolution.

*Two semester hours credit.*

Prerequisite: Biology 1. Two class hours.

Not given 1954-1955.

## 11. GENERAL MICROBIOLOGY

MR. BOWEN

The nature and importance of microorganisms, including yeasts, molds, bacteria, and pathogenic protozoa.

*Four semester hours credit.*

Prerequisite: Biology 1. Three class hours and three laboratory hours, first semester.

## 12. ECOLOGY

MR. HENSLEY

The major natural regions of the earth, particularly North America, and the adaptations of living organisms to their environments. Emphasis on animal associations.

*Two semester hours credit.*

Prerequisite: Biology 1. Two class hours, and field trips as arranged.

Not given 1954-1955.

## 13. PROBLEMS IN BIOLOGY

STAFF

An introduction to special techniques and methods in biological investigation. Offered to Senior Biology majors who have the approval of the department for this particular course.

*Maximum credit of four semester hours each semester.*

Hours and credit as arranged.

## 14. CONSERVATION

MR. GRUBE

An introduction to the general principles of conservation including the management of forests, soils, waters, fishes, birds, and mammals, and their importance in economic and cultural life.

*Two semester hours credit.*

No prerequisites. Two class hours, first semester.

## 15. PREHISTORIC LIFE

MR. BOWEN

An introduction to the geologic history of plants and animals from the development of life to the beginning of historic time.

*Two semester hours credit.*

No prerequisite. Two class hours.

Not given 1954-1955.

## Chemistry

*Professors ZINN and SLOAT, Associate Professor WEILAND, and Assistants*

Requirements for a major include 1, 2a, 2b, 4, and 5. Premedical majors in Chemistry need in addition such courses in Biology, Physics, English, and modern foreign

languages as are necessary to meet the requirements of the medical school of the student's choice. Other Chemistry majors will take advanced courses according to their needs and upon the advice of the head of the department.

### 1. GENERAL CHEMISTRY

MESSRS. SLOAT, WEILAND, and

ZINN, and ASSISTANTS

The occurrences, properties, uses, and methods of preparation of the more common elements and their compounds and the theoretical principles involved. Special emphasis is placed upon the scientific method of reasoning and the application of chemical principles through the solving of problems.

*Eight semester hours credit.*

Two lectures, one recitation, and three laboratory hours, throughout the year.

### 2a. QUALITATIVE ANALYSIS

MR. WEILAND

Comprehensive study of chemical equilibrium and its application to inorganic qualitative analysis. Laboratory is on a semimicro scale.

Prerequisites: Chemistry 1 and Mathematics 1 and 2. Two lectures and six laboratory hours, first semester.

*Four semester hours credit.*

### 2b. QUANTITATIVE ANALYSIS

MR. WEILAND

Theory and practice of gravimetric and volumetric analysis. Familiarity with the work and principles is sought through the solution of problems.

Prerequisite: Chemistry 2a. Two lectures and six laboratory hours, second semester.

*Four semester hours credit.*

### 3. ADVANCED ANALYTICAL CHEMISTRY

MR. WEILAND

Discussion and laboratory practice of gravimetric separations, volumetric and colorimetric analysis, and organic combustion methods.

Recommended to prospective graduate students and industrial chemists.

Prerequisites: Chemistry 1, 2a, and 2b. Six laboratory hours, throughout the year.

*Four semester hours credit.*

### 4. ORGANIC CHEMISTRY

MR. ZINN

Systematic study of the compounds of the aliphatic and aromatic series with special emphasis upon relationships and synthesis of the more common compounds together with the study of their properties and technique of preparation in the laboratory.

Prerequisites: Chemistry 1, 2a, and 2b. Three lectures and three laboratory hours, throughout the year.

*Eight semester hours credit.*

### 5. PHYSICAL CHEMISTRY

MR. SLOAT

Fundamental atomic and molecular theory, electron conception of valence, complex compounds, gases, solids, energetics, liquids, solutions, colloids, conductance, electromotive force, ionic equilibria. Chemical equilibria, physical properties of

matter, and phase rule. Laboratory illustration of such of these principles as are of theoretical interest or of particular service in medical school or industrial practice.

Prerequisites: Chemistry 1, 2a, and 2b, Physics 102, and Mathematics 6. Three lectures and three laboratory hours, throughout the year.

*Eight semester hours credit.*

## 6. SPECIAL QUANTITATIVE METHODS

A course designed to acquaint the student with a large variety of the methods and apparatus used in the analysis of minerals, alloys, iron and steel, gases, water, carbon and nitrogen compounds, foodstuffs, and natural and artificial products by modern gravimetric, volumetric, electrometric, potentiometric, polarigraphic, colorimetric, and photometric methods.

Prerequisites: Chemistry 1, 2a, 2b, and 3.

*Hours and credit as arranged up to four semester hours.*

## 8. ADVANCED ORGANIC CHEMISTRY

MR. ZINN

Special topics in organic chemistry. Organic analysis and advanced preparations constitute the laboratory work. Recommended to prospective graduate students and industrial chemists.

*Eight semester hours credit.*

Prerequisite: Chemistry 4. Two lectures and six laboratory hours, throughout the year.

## 9. TEACHER'S COURSE

MR. SLOAT

A course designed to acquaint the prospective teacher with the practical aspects of administration and conduct of an elementary course in Chemistry. It consists of three hours of practical laboratory and a one hour seminar in which the student studies and becomes familiar with such subjects as the historical background of chemistry, the use of the scientific method in teaching chemistry, the selection and evaluation of texts, the problems of the teacher, the conduct of science and photographic clubs, the study of scientific periodicals and reference books, the conduct of research, the writing of technical papers, the care of the stock room, and the ordering of chemicals. Required of prospective teachers and graduate students.

Open to Juniors and Seniors.

*Four semester hours credit.*

One lecture and three laboratory hours, throughout the year.

## *Dramatic Arts*

*Professor ARMS*

### 1a. APPRECIATION OF THE THEATER

MR. ARMS

Current plays of the English-speaking stage discussed in detail.

One hour, throughout the year.

*Two semester hours credit.*

## 2. COACHING OF AMATEUR PLAYS

MR. ARMS

Methods of directing and producing amateur plays. *Four semester hours credit.*  
Two hours, throughout the year.

### *Economics and Business Administration*

*Professor STOKES, Associate Professor LARKIN, Assistant Professors BAIRD, GLATFELTER, and WILLIAMS, Lecturer HEIMER, and ASSISTANTS*

The courses offered in this department are designed to provide an understanding of the principles of economic behavior. Both theoretical and applied courses are designed to meet the needs of students who intend to enter graduate and professional schools, or plan a career in business or government. Fundamentals rather than techniques are stressed.

Students may select either Economics or Business Administration as their major field.

## ECONOMICS

The requirements for a major in Economics are a minimum of 24 semester hours including courses 3, 15, 16, and 18, and Mathematics 23 (Statistics). In addition all majors are required to take Political Science 1a (American Government), and are advised to take Economics 4 (Accounting).

### 3A. PRINCIPLES OF ECONOMICS

STAFF

A survey of the existing and changing economic order. An analysis of basic factors of production, exchange, distribution, and consumption of wealth. This course is designed to meet the requirements in economics of those who wish to be certified to teach social studies in the public schools of Pennsylvania. This course is not acceptable in partial fulfillment of the major and minor requirements of the department. *Three semester hours credit.*

Three hours, second semester.

### 3. PRINCIPLES OF ECONOMICS

STAFF

A study of economic principles, problems, and policies with special emphasis on production, value, money, wages, interest, rent, profits, and consumption.

Sophomore course. Three hours throughout the year. *Six semester hours credit.*  
Required of all majors and minors in Economics. Recommended for all Political Science majors.

### 11. LABOR RELATIONS

MR. LARKIN

Background for understanding and analyzing labor relations. Labor union history, organization, and operation; labor market analysis and employment practices; labor legislation; collective bargaining; the rights and responsibilities of employers and employees. *Three semester hours credit.*

Prerequisite: Economics 3. Three hours, first semester.

## 14. TRANSPORTATION

MR. LARKIN

Development, operation, and coordination of rail, motor, and water transportation facilities and their regulation. *Three semester hours credit.*

Junior and Senior course. Three hours, second semester.

## 15. ADVANCED ECONOMIC THEORY

MESSRS. STOKES and WILLIAMS

An analysis of the forces affecting the level of economic activity, income, and employment; monetary and fiscal policy; value and distribution.

Senior course. Three hours, either semester.

*Three semester hours credit.*

## 16. MONEY AND BANKING

MR. STOKES

A study of the nature and functions of money and credit, credit instruments, monetary standards, classes and functions of banks, commercial bank operations, the structure and operations of the Federal Reserve System, theories of money value, credit control, monetary policy.

*Three semester hours credit.*

Junior or Senior course. Three hours, first semester.

## 18. HISTORY OF ECONOMIC THOUGHT

MR. WILLIAMS

An analysis of the main contributions to economic thought from Adam Smith and his immediate predecessors to the present time. *Three semester hours credit.*

Junior or Senior course.

Prerequisite: Economics 3. Three hours, first semester

## 19. PUBLIC FINANCE

MR. STOKES

The provision, custody, and disbursement of the resources required for the conduct of government functions, the various types of taxes and their economic effects, fiscal policy, the budget, management of the public debt.

*Three semester hours credit.*

Junior or Senior course. Three hours, first semester.

Prerequisite: either Economics 3 or Political Science 1.

Not given 1954-1955.

## 20. INTERNATIONAL ECONOMICS

MR. STOKES

International trade, foreign exchange, international capital movements, tariffs and restrictive trade practices, trade agreements, international monetary agencies.

*Three semester hours credit.*

Junior and Senior course. Three hours, second semester.

## AMERICAN ECONOMIC HISTORY

See History 5.

## ELEMENTARY STATISTICS

See Mathematics 23.

## BUSINESS ADMINISTRATION

The requirement for a major in Business Administration is 30 semester hours. Courses 3, 4, and 15 are required and the remainder of the subjects may be selected from any of the courses listed below or from those listed under Economics. All majors are further required to take Political Science 1a.

## 1. ECONOMIC GEOGRAPHY

MESSRS. HEIMER and WILLIAMS

The location and use of the world's economic resources. The course aims to provide a background for understanding industrial, commercial, and agricultural opportunities and limitations, with emphasis on climate, topography, population, and essential resources. *Three semester hours credit.*

Open only to Freshmen, except with special permission of department. Three hours, first semester.

## 2. INDUSTRIES OF THE UNITED STATES MESSRS. HEIMER and WILLIAMS

A survey of American industries, with emphasis on the origin, nature, and development of selected industries. Attention will be focused on the geographic basis, historical evolution, and current economic position and problems.

Freshman course. Three hours, second semester. *Three semester hours credit.*

## 4. ELEMENTARY ACCOUNTING

MR. BAIRD

Fundamental principles of modern accounting procedure, together with underlying basic financial statements and documents. *Six semester hours credit.*

Sophomore and Junior course. Three class hours and two practice hours, throughout the year.

## 5. INTERMEDIATE ACCOUNTING

MR. BAIRD

Analysis of advanced accounting procedures necessary to satisfy the demands of modern management, creditors, owners, potential investors, and governmental requirements. *Six semester hours credit.*

Junior and Senior course. Prerequisite: Economics 4. Three hours, throughout the year.

## 6. ADVANCED ACCOUNTING

MR. BAIRD

An advanced course for accounting students designed to develop a critical capacity for understanding, interpreting, and analyzing data with respect to consolidated statements, liquidations, estates and trusts, receiverships and governmental and institutional accounting. *Three semester hours credit.*

Prerequisite: Economics 5. Three hours, first semester.

## 7. FEDERAL TAXES

MR. BAIRD

An introduction to the study of federal taxes with emphasis on the accounting and management implications of the law. The preparation of returns and the analysis of current problem material will be required.

*Three semester hours credit.*

Prerequisite: Economics 5. Three hours, second semester.

## COST ACCOUNTING

See Mathematics 25.

## MATHEMATICS OF INVESTMENT

See Mathematics 21.

## 8. MARKETING PRINCIPLES AND PRACTICES

MR. LARKIN

An analysis of the marketing structure underlying the sale and movement of goods from producer to the final buyer with a view toward determining the principles and practices which tend towards more efficient marketing management.

*Six semester hours credit.*

Junior and Senior course. Three hours throughout the year.

## 10. BUSINESS LAW

MR. STOKES

Legal rights and obligations arising out of common business transactions.

*Three semester hours credit.*

Junior and Senior course. Three hours either semester.

## 12. INDUSTRIAL MANAGEMENT

MR. WILLIAMS

An introduction to the field of industrial management with special emphasis on economic background, financing, research and engineering, etc. Plant selection, layout, production control, budgeting, purchasing, internal coordination and control.

*Three semester hours credit.*

Senior course. Three hours, first semester.

## 13. PERSONNEL MANAGEMENT

MR. WILLIAMS

Scientific labor management and personnel administration. Emphasizes the economic and social background, use of statistical tools and specialized techniques in job evaluation, merit rating, selection and training of workers, and wage determination.

*Three semester hours credit.*

Prerequisite: Economics 11. Senior course. Three hours, second semester.

## 17a. BUSINESS ORGANIZATION AND CONTROL

MR. LARKIN

A comparative study of the various forms of business organization and combination, followed by an analysis of the efforts of the government to prevent unreasonable restraint of trade and monopolistic control by big business.

Three hours, first semester.

*Three semester hours credit.*

## 17b. BUSINESS FINANCE

MR. LARKIN

A descriptive and analytic study of the principles and problems of finance faced by business enterprises, with special emphasis placed on current aspects of financial planning and budgeting and the administration of working capital.

*Three semester hours credit.*

Prerequisite: Economics 4. Three hours, second semester.

## Education

*Professor KRAMER, Associate Professor JOHNSON, and Instructor EDDINS*

All students intending to teach should register with the Education Department by April 15 of their Freshman year. As a guide to them, each subject-matter department has planned a suitable curriculum for its majors to follow. The following Education courses, in the sequence shown below, are recommended:

Education 1	History of Education in the United States .....	3
Education 2	Junior Combination Course .....	3
Education 5	Educational Psychology .....	3
Education 6	Introduction to High School Teaching .....	3
Education 10	Senior Combination Course .....	3
Education 11	Student Teaching .....	6

Psychology 1, General Psychology, taken in the Sophomore year, is a prerequisite for Education 5. All students except History majors must take History 6, History of the United States and of Pennsylvania, for Pennsylvania certification.

A grade of B or better must be attained in each subject presented for certification, as well as a grade of C or better in Student Teaching.

## 1. HISTORY OF EDUCATION IN THE UNITED STATES      MR. KRAMER

Development of education in the United States, with emphasis on Pennsylvania. Special attention is given to the qualifications of a good teacher, rating scales, a Teachers' Philosophy of Education, and professional ethics.

Sophomore course. Three hours, either semester. *Three semester hours credit.*

## 2. JUNIOR COMBINATION COURSE

MR. JOHNSON

Philosophy of education; principles of secondary education and school administration; curriculum construction; guidance; child development.

Junior course. Three hours, either semester. *Three semester hours credit.*

## 5. EDUCATIONAL PSYCHOLOGY

MR. JOHNSON

Application of the principles of psychology to classroom practice.

Prerequisite: Psychology 1. Junior course. Three hours, either semester.

*Three semester hours credit.*

6. INTRODUCTION TO HIGH SCHOOL TEACHING MR. KRAMER

High school teaching principles and techniques, and classroom management.

Junior and Senior course. Three hours, either semester.

*Three semester hours credit.*

## 10. SENIOR COMBINATION COURSE INCLUDING VISUAL EDUCATION

The use of audio-visual aids in teaching; educational statistics; tests and measurements.

*Three semester hours credit.*

Open only to students who expect to teach.

Three hours, either semester.

11. STUDENT TEACHING MR. KRAMER

Consists of 180 hours of observation, participation, and teaching on the secondary school level. Student teaching is open only to a limited number of students, and must be arranged for in the Junior year.

*Six semester hours credit.*

Prerequisite: Education 6 with a grade of B or better, and approval of subject matter departments. Senior course. Six hours as arranged, either semester.

## 14. EDUCATIONAL AND PSYCHOLOGICAL MEASUREMENTS

MR. EDDINS

A survey of tests, inventories, and other instruments and of statistical computations used in psychology and education.

Prerequisite: Psychology 1. Junior and Senior course. Three hours, first semester.

*Three semester hours credit.*

## 40. PRINCIPLES OF GUIDANCE

A general introduction to basic principles of personnel administration for student counselors.

*Three semester hours credit.*

Junior and Senior course. Three hours, second semester.

## English

(Composition, Literature, and Speech)

*Professors* WARTHEN and MASON, *Assistant Professors* BOLICH, TAYLOR, and WOLFINGER, *Instructors* LINDEMAN and SMITH, and *Lecturers* HERSHBARGER and SNOOK

The requirement for a major is a minimum of 24 semester hours of English literature, including Courses 1, 2c, 4a, and 2b or 4b; 6 or 12 or 20; and 9 or 10. Majors and minors who expect to teach in the public schools should take Courses 5a and 6. English A is a prerequisite for all other courses in English.

## COMPOSITION

A. ENGLISH COMPOSITION      MESSRS. BOLICH, LINDEMAN, SMITH, SNOOK  
and WOLFINGER, and MMES. HERSHBERGER and TAYLOR

Review of fundamentals of grammar, practice in writing, and interpretative reading. Required of all freshmen.      *Six semester hours credit.*

Three hours, throughout the year.

## 16. JOURNALISM      MRS. TAYLOR

Introduction to the techniques of newspaper writing and editing.

Two hours, either semester.      *Two semester hours credit.*

## 17. CREATIVE WRITING      MRS. TAYLOR

Technique of writing essays, short stories, etc. Open to all students, except Freshmen, with the approval of the instructor.      *Four semester hours credit.*

Two hours, throughout the year. (Credit granted for one semester or both.)

## LITERATURE

## 1. ENGLISH LITERATURE      MR. WARTHEN

A survey of English literature from *Beowulf* to the end of the nineteenth century. Required sophomore course for English majors.

Three hours, throughout the year.      *Six semester hours credit.*

## 2a. SHAKESPEARE      MR. WARTHEN

Eighteen plays and recent critical writing about Shakespeare.

Three hours, first semester.      *Three semester hours credit.*

## 2b. ROMANTIC REVIVAL      MR. WARTHEN

Wordsworth, Coleridge, Byron, Shelley, and Keats.

Three hours, second semester.      *Three semester hours credit.*

## 3. THE ENGLISH NOVEL      MR. SMITH

Historical development of the English novel from Defoe to the twentieth century.

Three hours, throughout the year.      *Six semester hours credit.*

## 4a. CHAUCER      MR. WARTHEN

*The Canterbury Tales*, *Troilus and Criseyde*, and several shorter poems.

Three hours, first semester.      *Three semester hours credit.*

## 4b. THE EIGHTEENTH CENTURY      MR. WARTHEN

The chief poets and prose writers of the neo-classical period.

Three hours, second semester.      *Three semester hours credit.*

- 6a. AMERICAN POETRY MR. MASON  
From Bryant to Lanier ; emphasis on critical interpretation.  
Three hours, first semester. *Three semester hours credit.*
- 6b. AMERICAN PROSE MR. MASON  
Selections from the eighteenth and nineteenth centuries.  
Three hours, second semester. *Three semester hours credit.*
9. MODERN DRAMA MR. WOLFINGER  
From Ibsen to O'Neill.  
Three hours, first semester. *Three semester hours credit.*
- 10a. ENGLISH DRAMA MR. WOLFINGER  
From the liturgical play to 1660.  
Three hours, first semester. *Three semester hours credit.*
- 10b. ENGLISH DRAMA MR. WOLFINGER  
From 1660 to the rise of the New Drama.  
Three hours, second semester. *Three semester hours credit.*
12. VICTORIAN POETRY MR. MASON  
Chiefly Tennyson and Browning ; some attention to Arnold and the Pre-Raphaelites.  
Three hours, first semester. *Three semester hours credit.*
13. METHODS OF TEACHING ENGLISH MR. BOLICH  
The theory of teaching functional grammar, composition, and literature.  
Junior course. Three hours, either semester. *Two semester hours credit.*
14. SENIOR READING COURSE MR. WARTHEN  
Reading and discussion of selected writings, chiefly of the sixteenth and seventeenth centuries.  
Two hours, throughout the year. *Four semester hours credit.*
18. MODERN POETRY MR. MASON  
English and American poets of the present century. *Four semester hours credit.*  
Two hours, throughout the year. (Credit granted for one semester or both.)
20. MILTON MR. MASON  
Milton's poetry and selected prose.  
Prerequisite: two advanced courses in English.  
Senior course. Three hours, second semester. *Three semester hours credit.*

## SPEECH

## 5a. BASIC SPEECH

MR. BOLICH

Study of the fundamentals underlying good speech, and practice in speaking.

Two hours, either semester.

*Two semester hours credit.*

## 5b. ADVANCED SPEECH

MR. BOLICH

Study of the purposes and forms of oral English, and practice in extemporaneous speaking.

*Two semester hours credit.*

Prerequisite: English 5a. Two hours, second semester.

## 15. ORAL INTERPRETATION OF LITERATURE

MR. BOLICH

The principles and methods of oral interpretation, with careful consideration of phonetics, pronunciation, and enunciation.

*Two semester hours credit.*

Prerequisite: English 5a. Two hours, first semester.

## 19. PRINCIPLES OF RADIO SPEECH

MR. BOLICH

The principles of radio speaking and script writing; problems of production.

*Two semester hours credit.*

Prerequisite: English 5a. Two hours, second semester.

*Fine Arts**Associate Professor ROBINSON and Professor KRAMER*

## 1. HISTORY OF ART: PREHISTORIC THROUGH GOTHIC

MR. ROBINSON

Paleolithic beginnings, Egypt, Mesopotamia, Greece, Rome, Early Christian, Pre-Renaissance.

*Two semester hours credit.*

Two hours, either semester.

## \*2. ART APPRECIATION: RENAISSANCE THROUGH 19TH CENTURY

MR. ROBINSON

Lectures and discussions about distinctive examples of the visual arts, methods, principles, and appreciation.

*Two semester hours credit.*

Two hours, either semester.

## \*3. ORIENTAL ART

MR. KRAMER

Chiefly Chinese, although some attention will be given to Japanese, Hindu, and Persian art. The history, traditions, and culture will form the background for studying bronzes, pottery, porcelain, jades, painting, ivories, architecture, etc. Material from museums and collections will be used.

One hour, throughout the year.

*Two semester hours credit.*

\*May be used to meet appreciation requirements.

**\*4. ART APPRECIATION: ART TODAY****MR. ROBINSON**

The great art movements of our time.

Two hours, either semester.

*Two semester hours credit.***5. BEGINNING DRAWING, PAINTING, AND COMPOSITION****MR. ROBINSON**

A basic studio course in various drawing media with a choice of either water color or oil in painting. The use of the visual elements organized by the principles of design. Discussions about the relation of drawing and painting to cultural daily living.

*Three semester hours credit.*

Six studio hours weekly, either semester.

**6. PICTORIAL DESIGN****MR. ROBINSON**

A continuation of course 5 with particular emphasis on pictorial design. Analyses of the paintings of outstanding artists of the past and present.

*Three semester hours credit.*

Prerequisite: Fine Arts 5. Six studio hours weekly, either semester.

**7. BEGINNING POTTERY****MR. ROBINSON**

A basis course in volume, proportion, and simple ornament as related to hand-built pottery. Experience in forming, glazing, and firing. Discussions about the relation of ceramics to cultural daily living.

*Three semester hours credit.*

Six studio hours, either semester.

**8. INTERMEDIATE POTTERY****MR. ROBINSON**

A continuation of course 7 with emphasis upon individual initiative in devising and solving problems. Introduction to use of electric wheel.

*Three semester hours credit.*

Prerequisite: Fine Arts 7. Six studio hours either semester.

## *French*

(See Romance Languages)

## *German*

*Professor SUNDERMEYER, Associate Professors AHRENS and STOREK, and  
Lecturer SAMUELSON*

Requirements for a major include Courses 2, 3, 6, 12, 13, and 15. The teaching minor consists of 18 semester hours and must include Courses 6, 12, and 13. Courses 14 and 15 count as six semester hours in the original provided they are

\*May be used to meet appreciation requirements.

taken together. Courses 2, 3, 4, 7, 10, 11, 14, and 16 may be applied in fulfillment of the literature requirement.

## GERMAN LANGUAGE

### A. ELEMENTARY GERMAN

STAFF

The essentials of grammar; reading of simple prose and poetry.

Three hours, throughout the year.

*Six semester hours credit.*

### 1. INTERMEDIATE GERMAN

STAFF

Review of grammar; reading of standard German. *Six semester hours credit.*

Prerequisite: German A. Three hours, throughout the year.

### 6. COMPARATIVE PHILOLOGY

MR. AHRENS

A general introduction to linguistic science. The first semester is devoted to the development from Indo-European to the Germanic languages, and the second semester to the development of the German language.

One hour, throughout the year.

*Two semester hours credit.*

### 12. COMPOSITION

MR. SAMUELSON

Practice in writing idiomatic German.

*Two semester hours credit.*

One hour, throughout the year.

### 13. CONVERSATION

MR. SAMUELSON

Practice in speaking German.

*Four semester hours credit.*

Two hours, throughout the year.

## GERMAN LITERATURE AND CIVILIZATION

### 2. THE CLASSICAL PERIOD

MR. SUNDERMEYER

Reading and interpretation of German Classical writers, including Lessing, Goethe, and Schiller.

*Six semester hours credit.*

Prerequisite: German 1. Three hours, throughout the year.

### 3. THE 19TH CENTURY

MR. AHRENS

Reading and interpretation of German writings from Heinrich von Kleist to Gerhart Hauptmann.

*Six semester hours credit.*

Prerequisite: German 1. Three hours, throughout the year.

### 4. LUTHER

MR. AHRENS

An advanced course devoted to the study of selections from Luther's German writings.

*Two semester hours credit.*

One hour, throughout the year.

7. GERMAN SCIENTIFIC PROSE \* MR. SAMUELSON  
Selections of literary merit from authors in the field of the natural sciences.  
*Six semester hours credit.*  
Prerequisite: German 1. Three hours, throughout the year.
8. GERMAN SCIENTIFIC PROSE MR. SAMUELSON  
Readings adapted to individual needs of students majoring in any of the exact sciences.  
*Two semester hours credit.*  
One hour, throughout the year.
10. GOETHE'S FAUST MR. SUNDERMEYER  
Goethe's *Faust*, I and II. *Six semester hours credit.*  
Two hours and collateral reading, throughout the year.
11. CONTEMPORARY LITERATURE MR. SUNDERMEYER  
Selections from contemporary literature. *Six semester hours credit.*  
Two hours and collateral reading, throughout the year.
14. ADVANCED GERMAN PROSE MR. AHRENS  
Readings in the fields of fiction, history, and philosophy, selected to coordinate with German 15. *Four semester hours credit.*  
Two hours, throughout the year.
15. HISTORY OF GERMAN CIVILIZATION MR. AHRENS  
Lecture course in English. Open to all students. Credit given in the Departments of German and History. *Two semester hours credit.*  
One hour, throughout the year.
16. SEMINAR IN GERMAN LITERATURE MR. SUNDERMEYER  
A reading course conducted in German. *Six semester hours credit.*  
Two hours and collateral reading, throughout the year.

## Greek

Professor SHAFFER

Requirements for a major include 24 hours above the A course as approved by the adviser, and may include Philosophy 10, first semester. Courses 1, 2, 5, 6, 7, 8, 9, 10, 12, 13, and 14 may be used in fulfillment of the literature requirement in a foreign language. Students planning to do graduate work in Greek should take college Latin courses.

## A. ELEMENTARY GREEK

MR. SHAFFER

An elementary course for beginners.

*Six semester hours credit.*

Three hours, throughout the year.

## B. INTERMEDIATE GREEK

MR. SHAFFER

Selections from Xenophon and Homer. Prose composition.

*Six semester hours credit.*

Prerequisite: Greek A. Three hours, throughout the year.

## 1. HERODOTUS

MR. SHAFFER

Reading of selections, with lectures and reports on literary and historical background.

*Three semester hours credit.*

Prerequisites: Greek A and B. Three hours, first semester.

## 2. GREEK TRAGEDY

MR. SHAFFER

Selected plays with lectures and reports on the literary, religious, and philosophical background.

*Three semester hours credit.*

Prerequisites: Greek A and B. Three hours, second semester.\*

## 3. GREEK LITERATURE IN ENGLISH

MR. SHAFFER

Reading and study of selected masterpieces of Greek literature.

Knowledge of Greek not required.

*Three semester hours credit.*

Three hours, first semester.

## 4. GREEK HISTORY

MR. SHAFFER

A survey of Hellenic civilization from the earliest times to the Hellenistic age, with special emphasis on the sources.

*Three semester hours credit.*

Knowledge of Greek not required.

Three hours, second semester.

## 5. GREEK MUSIC

MR. SHAFFER

Greek musical theory and practice. Restricted to advanced students.

*Three semester hours credit.*

Prerequisites: Greek A and B, and an elementary knowledge of music.

Three hours, first semester.\*

## 6. NEW TESTAMENT

MR. SHAFFER

Readings in Hellenistic Greek, with special attention to the language of the New Testament.

*Three semester hours credit.*

Prerequisites: Greek A and B. (May be taken simultaneously with Greek B.)

Three hours, second semester.

\*To be given if needed.

## 7. PLATO

MR. SHAFFER

The *Apology* and *Crito*, with selections from other dialogues. A study of Socrates.

*Three semester hours credit.*

Prerequisites: Greek A and B. (May be taken simultaneously with Greek B.)

Three hours, first semester.

## 8. HOMER

MR. SHAFFER

The *Iliad* or the *Odyssey*, with lectures and reports on literary and cultural backgrounds.

*Three semester hours credit.*

Prerequisites: Greek A and B. Three hours, second semester.\*

## 9. GREEK LYRIC POETRY AND PROSE COMPOSITION

MR. SHAFFER

A survey of Greek poetic literature and a review of syntax.

*Three semester hours credit.*

Prerequisites: Greek A and B. Three hours, second semester.\*

## 10. GREEK ORATORY

MR. SHAFFER

Selected orations in Greek and the *Rhetoric* of Aristotle in English.

*Three semester hours credit.*

Prerequisites: Greek A and B. Three hours, first semester.\*

## 11. THE ANCIENT HISTORY OF THE NEAR EAST

MR. SHAFFER

Survey of the ancient civilizations of southwestern Asia and of Egypt.

Knowledge of Greek not required.

*Three semester hours credit.*

Three hours, first semester.\*

## 12. GREEK COMEDY

MR. SHAFFER

Selected plays in Greek and collateral readings in English. Lectures and reports on historical and literary backgrounds.

*Three semester hours credit.*

Prerequisites: Greek A and B. Three hours, second semester.\*

## 13. READINGS IN GREEK PHILOSOPHY

MR. SHAFFER

Selected texts illustrating the history of Greek philosophy will be read in the original and discussed. The course will be integrated as far as possible with Philosophy 10.

*One semester hour credit.*

One hour, first semester.\*

## 14. READING COURSE IN GREEK OLD TESTAMENT

MR. SHAFFER

Reading of selections, with special attention to the grammar and syntax of Hellenistic Greek. Lectures on historical background.

Three hours, either semester.

*Three semester hours credit.*

Prerequisite: Greek 6. Approval of the Department is required.

\*To be given if needed.

## *Health and Physical Education*

*Professor BREAM, Associate Professor BARTHOLOMEW, Assistant Professors KENNEY, SHAINLINE, and YOVICSIN, and Instructors GORE and LENTZ*

The department offers a complete teacher training program, approved by the Pennsylvania State Council of Education, which is open to both men and women. Students enrolled in the program must meet all requirements for the liberal arts degree in addition to taking all courses listed below and such other courses as may be required by the Department. Health and Physical Education majors are required to take Health and Physical Education 1 and 2.

All other students entering as Freshmen are required to take either courses 1 and 2 or Military or Air Science 1 and 2.

### METHODS AND ACTIVITIES

#### 1. METHODS AND ACTIVITIES I

STAFF

Participation in a variety of individual and team activities with emphasis upon the acquisition of skills. Elementary personal hygiene, safety, first-aid, rules and regulations of games. Two activity hours and one class hour.

Activities for men: tennis, soccer, volleyball, basketball, swimming, track and field, and golf.

Activities for women: field hockey, basketball, volleyball, swimming, archery, softball, tennis, tumbling, and dancing.

*Four semester hours credit.*

Three hours, throughout the year.

#### 2. METHODS AND ACTIVITIES II

STAFF

An individual program of activities participation, based upon ability and progress.

Activities for men: tennis, football, wrestling, apparatus, tumbling, dancing, speedball, and golf.

Activities for women: field hockey, tennis, basketball, volleyball, golf, folk dancing, badminton, bowling, and rhythmical swimming.

*Four semester hours credit.*

Two hours, throughout the year.

#### 3. METHODS AND ACTIVITIES III

STAFF

Methods and techniques of class organization and instruction in a variety of indoor physical education activities.

*Four semester hours credit.*

Two hours, throughout the year.

#### 4. METHODS AND ACTIVITIES IV

STAFF

Methods and techniques of class organization and instruction in a variety of outdoor physical education activities.

*Four semester hours credit.*

Two two-hour periods, throughout the year.

## 5. AQUATICS

MESSRS. SHAINLINE and LENTZ

Teaching methods and techniques in elementary strokes, elementary diving, life-saving, water safety.

*Two semester hours credit.*

Three hours, second semester.

## PHYSICAL EDUCATION

## 6. INTRODUCTION TO PHYSICAL EDUCATION

MISS KENNEY

A general overview of the field, with special emphasis upon developing an understanding and appreciation of the importance, need, and purpose of health and physical education.

*Two semester hours credit.*

Two hours, first semester.

## 13. PRINCIPLES AND CURRICULUM PLANNING

MR. BARTHOLOMEW

An evaluation of principles and their application in planning a modern physical education program.

*Two semester hours credit.*

Two hours, second semester.

## 17. ADMINISTRATION OF HEALTH AND PHYSICAL EDUCATION

MR. YOVICSIN

The legal and administrative problems, personnel relations, social interpretation, budget and finance, plant and office management.

Two hours, throughout the year.

*Four semester hours credit.*

## 18. ADMINISTRATION OF RECREATION AND OUTDOOR ACTIVITIES

MISS KENNEY

The theory of, and need for, play, personnel qualifications, administration, and program of activities for all age groups.

*Two semester hours credit.*

Two hours, second semester.

## 19. PHYSICAL EDUCATION FOR THE HANDICAPPED

MR. SHAINLINE

Misconceptions, causes of handicaps, specific handicaps, and the remedial program, the orthopedic examination, and administration. Students will have opportunity for practical experience.

*Two semester hours credit.*

Prerequisite: Health Education 14.

Two hours, first semester.

## 21. CARE AND PREVENTION OF INJURIES

MR. BARTHOLOMEW

The official Beginners' Red Cross First Aid course, with emphasis on the practical aspects of symptom recognition and safety.

One two-hour period, first semester.

*One semester hour credit.*

22. TESTS AND MEASUREMENTS IN HEALTH AND PHYSICAL EDUCATION

MR. BARTHOLOMEW

The written and practical tests in the fields of health and physical education.

Two hours, second semester.

*Two semester hours credit.*

HEALTH EDUCATION

10. PERSONAL HYGIENE

MISS KENNEY

Practical aspects of the every-day life of the individual in respect to personal hygiene. Special emphasis is placed upon the acquisition of desirable attitudes toward personal health.

*Three semester hours credit.*

Three hours, first semester.

11. COMMUNITY HYGIENE

MISS KENNEY

The role of official and non-official community organizations in the health of the individual, from the viewpoint of administration and service. As a practical approach, conditions in the home, school, and community at large will be analyzed.

Three hours, second semester.

*Three semester hours credit.*

12. SCHOOL HEALTH PROBLEMS

MR. BARTHOLOMEW

The recognition and possible solution of typical health problems.

Three hours, first semester.

*Three semester hours credit.*

14. ANATOMY AND PHYSIOLOGY

MR. BARTHOLOMEW

A combination theoretical and practical study of human structure and function. Analysis of the effects of health and physical education activities on the body.

Three hours, throughout the year.

*Six semester hours credit.*

*History*

*Professor FORTENBAUGH and Assistant Professors BLOOM, CRAPSTER, and GLATFELTER*

Requirements for a major include Courses 1, 20, and 21. All majors and minors are required to take History 1 as their first course. Courses 1, 3a, 3b, 6, 10, and 11 are open to Sophomores; all other courses are upper-class courses. English majors and pre-law students are advised to take History 2.

1. HISTORY OF WESTERN CIVILIZATION

MR. GLATFELTER

A survey from pre-literary times to the present, describing the growth of social institutions.

*Six semester hours credit.*

Three hours, throughout the year.

## 2. HISTORY OF ENGLAND

MR. CRAPSTER

A survey from the Roman times to the present, emphasizing institutional and cultural developments. *Six semester hours credit.*

Three hours, throughout the year.

## 3a. HISTORY OF THE UNITED STATES TO 1865

MESSRS. BLOOM, FORTENBAUGH, and GLATFELTER

3a and 3b give a survey from the discovery and early explorations to the present. These courses will, with History 9, meet the requirements for certification to teach in the public schools of Pennsylvania. See also History 6.

Three hours, first semester.

*Three semester hours credit.*

## 3b. HISTORY OF THE UNITED STATES SINCE 1865

MESSRS. BLOOM, FORTENBAUGH, and GLATFELTER

Three hours, second semester.

*Three semester hours credit.*

## 4. THE UNITED STATES, 1899-1939

MR. FORTENBAUGH

An intensive study of this important forty-year period with emphasis upon economic and social development. *Three semester hours credit.*

Prerequisite: History 3 or 6. Three hours, first semester.

## 5. AMERICAN ECONOMIC HISTORY

MR. BLOOM

A study of economic life and forces throughout the history of the United States.

Three hours, second semester.

*Three semester hours credit.*

## 6. HISTORY OF THE UNITED STATES AND OF PENNSYLVANIA

MR. BLOOM

A course for *non-history* majors which will meet the requirements for certification to teach in the public schools of Pennsylvania. *Six semester hours credit.*

Three hours, throughout the year.

## 7. AMERICAN CONSTITUTIONAL HISTORY

MR. BLOOM

Origins and development of the Constitution of the United States, considering its political theories, judicial interpretation, and institutional forms.

Prerequisite: History 3 or 6.

*Three semester hours credit.*

Three hours, first semester.

## 8. SELECTED TOPICS IN AMERICAN HISTORY

MR. BLOOM

An advanced course offering intensive study of special topics or periods.

Prerequisite: History 3 or 6.

*Three semester hours credit.*

Three hours, second semester.

## 9. HISTORY OF PENNSYLVANIA

MR. FORTENBAUGH

The Commonwealth from colonial days to the present. This course will, with History 3, meet the requirements for certification to teach in the public schools of Pennsylvania. See also History 6.

*Two semester hours credit.*

Two hours, second semester.

## 10. EUROPE FROM THE RENAISSANCE TO 1789

MR. CRAPSTER

A survey of European history in the early modern period—the Renaissance, in its world setting, the Reformation, the growth of national states, the Enlightenment.

*Three semester hours credit.*

Three hours, first semester.

## 11. EUROPE IN THE FRENCH REVOLUTIONARY AND NAPOLEONIC ERAS

MR. CRAPSTER

A survey of Europe from 1763 to 1789, followed by an intensive study of the political, social, economic, and intellectual developments taking place in Europe from 1789 to 1815.

*Three semester hours credit.*

Three hours, second semester.

## 12. EUROPE FROM 1815 TO 1914

MR. CRAPSTER

A survey of European history from the Congress of Vienna to the First World War.

*Three semester hours credit.*

Three hours, first semester.

## 13. EUROPE SINCE 1914

MR. CRAPSTER

A survey of recent European history in its world setting.

Three hours, second semester.

*Three semester hours credit.*

## 18. CIVIL WAR AND RECONSTRUCTION

MR. BLOOM

The sectional conflict in American history from the War with Mexico in 1846 to the end of Reconstruction in 1887.

*Three semester hours credit.*

Prerequisite: History 3 or 6. Three hours, first semester.

## 19. THE AMERICAN COLONIAL PERIOD

MR. FORTENBAUGH

An intensive study of the colonial period before 1763 with emphasis upon economic, social and religious development.

*Three semester hours credit.*

Prerequisite: History 3 or 6. Three hours, second semester.

## 20. HISTORICAL METHOD

MR. FORTENBAUGH

For Junior majors and other qualified students who expect to teach history.

Three hours, first semester.

*Three semester hours credit.*

## 21. UNDERGRADUATE SEMINAR

MESSRS. BLOOM, CRAPSTER, and FORTENBAUGH

Practice in the criticism and exploitation of historical sources. For Junior or Senior majors. *Two semester hours credit.*

Prerequisite: History 20. Two hours, to be arranged, second semester.

GERMAN HISTORY

See German 15.

GREEK HISTORY

See Greek 4.

ROMAN HISTORY

See Latin 11.

FRENCH HISTORY

See French 21.

*Latin**Professor* GLENN

Requirements for a major include Courses 1, 2, 3, 4, 10, 11, 13, and two courses from 5, 6, 7, and 8. Courses 1, 2, 3, 4, 6, 7, and 8 may be applied in fulfillment of the literature requirement in the original. Students planning to do graduate work in Latin should take college Greek courses.

## B-C. VERGIL

MR. GLENN

Selections from the *Aeneid*.

*Six semester hours credit.*

Prerequisites: Two years of secondary school Latin. Three hours, throughout the year.

## 1. ROMAN PROSE AND POETRY

MR. GLENN

Selections from Livy, Catullus, and other authors. *Three semester hours credit.*

Prerequisites: Four years of secondary school Latin, or Latin B-C. Three hours, first semester.

## 2. HORACE

MR. GLENN

Selections from the *Odes*, *Epodes*, *Satires*.

*Three semester hours credit.*

Three hours, second semester.

## 3. CICERO'S LETTERS

MR. GLENN

Life and literature in Cicero's time.

*Three semester hours credit.*

Three hours, first semester.

## 4. ROMAN COMEDY

MR. GLENN

Selections from Plautus and Terence. Survey of the Roman Theatre; origin and development of Roman drama. *Three semester hours credit.*

Three hours, second semester.

## 5. ROMAN LAW

MR. GLENN

Development and content of Roman Private Law. A knowledge of Latin is not required. *Two semester hours credit.*

Alternates with Course 7. Two hours, first semester.

## 6. ROMAN PHILOSOPHY

MR. GLENN

Lucretius, *On the Nature of Things*. *Two semester hours credit.*

Alternates with Course 8. Two hours, second semester.

## 7. MEDIEVAL LATIN

MR. GLENN

Selections representing history, anecdote, the epistle, the drama, the essay, the dialogue, the novel, and epic, lyric, pastoral, didactic, and satiric verse, and introducing the literature written in the universal language of the ecclesiastical and learned European world, ranging from the fifth century to the seventeenth century. *Two semester hours credit.*

Alternates with Course 5. Two hours, first semester.

Not given 1954-1955.

## 8. ROMAN ELEGY

MR. GLENN

Selections from Catullus, Tibullus, Propertius, and Ovid. Seminar methods, with practice in original research. *Two semester hours credit.*

Alternates with Course 6. Two hours, second semester.

Not given 1954-1955.

## 10. LATIN LITERATURE IN ENGLISH

MR. GLENN

A historical and critical survey of Roman Literature with a more intensive study of selected works. Attention is given to the relation of Roman Literature to other literatures. A knowledge of Latin is not required.

Three hours, second semester. *Three semester hours credit.*

## 11. ROMAN HISTORY AND CIVILIZATION

MR. GLENN

The history of the Republic and the Empire, supplemented by a brief study of various topics, such as Roman art, science, religion, political institutions, private life, etc., and their influence on modern life. A knowledge of Latin is not required. *Three semester hours credit.*

Three hours, first semester.

## 13. LATIN PROSE COMPOSITION

MR. GLENN

One hour, throughout the year.

*Two semester hours credit.*

## 15. WORD-BUILDING

MR. GLENN

A course designed to aid pre-medical students and those of other sciences who desire to become familiar with scientific terminology and roots. A study is made of repeatedly used prefixes, endings, and key words from which scientific terms are compounded. The knowledge of Latin, while very useful, is not required of those who take the course.

*Three semester hours credit.*

One hour, throughout the year.

## *Mathematics*

*Professor ARMS, Associate Professor ZIEGLER, and Assistant Professor MAFFETT*

Requirements for a major include Mathematics 6, and six semester hours chosen from Courses 8, 9, 10, and 14. With adviser's approval, Mathematics 21, Mathematics 23, and Mathematics 25, may be used as part of the course requirements for a major in Economics.

## 1a. COLLEGE ALGEBRA

MESSRS. MAFFETT and ZIEGLER

A review of elementary algebra, the elementary theory of equations, complex numbers, the binomial theorem.

*Three semester hours credit.*

Prerequisite: one unit of Algebra. Three hours, first semester.

## 1b. PLANE TRIGONOMETRY

MESSRS. MAFFETT and ZIEGLER

Definitions and properties of the trigonometric functions; solutions of triangles.

*Three semester hours credit.*

Prerequisites: one unit of algebra and one unit of geometry. Three hours, second semester.

## 2. ELEMENTARY ANALYSIS

MESSRS. MAFFETT and ZIEGLER

A review of advanced algebra, trigonometry, plane analytical geometry, and an introduction to calculus.

*Six semester hours credit.*

Prerequisite: three units in mathematics including trigonometry. Three hours, throughout the year.

## 5. ANALYTICAL GEOMETRY

MR. ZIEGLER

Plane and solid analytical geometry, and an introduction to calculus.

*Six semester hours credit.*

Prerequisites: Mathematics 1a and 1b, or the equivalent. Three hours, throughout the year.

6. DIFFERENTIAL AND INTEGRAL CALCULUS MR. ARMS  
The fundamental formulae of differentiation and integration, with applications.  
*Six semester hours credit.*  
Prerequisite: Mathematics 2 or 5. Three hours, throughout the year.
8. MODERN GEOMETRY MESSRS. MAFFETT and ZIEGLER  
Prerequisite: Mathematics 6. Qualified students may register for one or more of the following with the approval of the Mathematics Adviser:
- 8A. COLLEGE GEOMETRY (SYNTHETIC)  
Two hours, throughout the year. *Four semester hours credit.*
- 8B. ANALYTICAL GEOMETRY OF SPACE  
Two hours, throughout the year. *Four semester hours credit.*
- 8C. PROJECTIVE GEOMETRY (SYNTHETIC)  
Two hours, throughout the year. *Four semester hours credit.*
9. MODERN ANALYSIS MESSRS. ARMS and MAFFETT  
Prerequisite: Mathematics 6. Qualified students may register for one or more of the following with the approval of the Mathematics Adviser.
- 9A. DIFFERENTIAL EQUATIONS  
Two hours, throughout the year. *Four semester hours credit.*
- 9B. HIGHER CALCULUS  
Two hours, throughout the year. *Four semester hours credit.*
- 9C. THEORY OF FUNCTIONS OF A COMPLEX VARIABLE  
Two hours, throughout the year. *Four semester hours credit.*
10. METHODS OF TEACHING MR. ZIEGLER  
Methods of teaching high school mathematics supplemented with practice teaching and observation.  
*Four semester hours credit.*  
Three periods, throughout the year.
14. READING COURSE MR. MAFFETT  
Supervised reading in pure and applied mathematics for Junior and Senior majors. Conference hours and semester hours credit as arranged.
21. MATHEMATICS OF INVESTMENT MR. ZIEGLER  
Compound interest as applied to annuities, life insurance, and depreciation.  
*Three semester hours credit.*  
Prerequisite: Mathematics 1a. Three hours, first semester.

## 21. STATISTICS

MR. ZIEGLER

A first course: mean, mode, median, correlation and index numbers.

*Three semester hours credit.*

Prerequisite: Mathematics 1a. Three hours, second semester.

## 25. COSTS AND DEPRECIATION

MR. ARMS

An introduction to cost accounting.

*Six semester hours credit.*

Prerequisite: Economics 4. Three hours, throughout the year.

*Music*

*Professors WAGNILD and SHAFFER, Assistant Professor ACKLEY, Lecturer HARNER, and Private Music Teachers BARRIGA, BIDKA, BUDDÉ, and SPRINGER*

Requirements for a major comprise a minimum of 24 hours, including Music 6, 7, 8, 12, and a total of 4 hours from Music 9, 10, 14, and 16.

Requirements in applied music are as follows: (1) 2 years' participation in an authorized group organization, and 2 years of private instruction in voice, piano, organ or instrument authorized by the department.\* (2) Presentation of a recital in the Junior or Senior Year.\*\*

A musical aptitude test will be required of the student before he is accepted as a Music Major.

Individual instruction in voice, piano, and organ under the supervision of the department is offered by appointment.

## 1. APPRECIATION OF MUSIC

MR. SHAFFER

The principal musical forms against the background of the other arts.

Two hours, first semester.

*Two semester hours credit.*

## 2. APPRECIATION OF MUSIC DRAMA

MR. SHAFFER

A review of the history of opera and analyses of examples as drama and as music.

*Two semester hours credit.*

## 3. APPRECIATION OF THE SYMPHONY

MR. SHAFFER

Historical backgrounds and analyses of symphonic forms.

Two hours, second semester.

*Two semester hours credit.*

## 6. HISTORY OF MUSIC

MR. ACKLEY

A survey of the development of musical art from ancient to modern times.

Three hours, throughout the year.

*Six semester hours credit.*

\*A thesis or additional private study may be substituted for group participation at the discretion of the Department.

\*\*In special cases a standard proficiency test may be substituted for a recital.

## 7a. HARMONY

MR. WAGNILD

Scale and chord structure, chord relationship, non-chordal tones, and analyses.

Three hours, first semester.

*Three semester hours credit.*

## 7b. HARMONY

MR. WAGNILD

Diatonic chords with various bytones, harmonization or original melodies, simple modulation. Aural approach to harmonic effects. *Three semester hours credit.*

Three hours, second semester.

## 8a. ADVANCED HARMONY

MR. WAGNILD

Chromatic harmony, modulation, creative work, analyses.

Two hours, first semester.

*Two semester hours credit.*

## 8b. ADVANCED HARMONY

MR. WAGNILD

Continuation of 8a. Special emphasis on modulation and use of chromatic alterations of diatonic chords in harmonizing melodies. Creative work.

Two hours, second semester.

*Two semester hours credit.*

## 9a. KEYBOARD HARMONY

MR. WAGNILD

Harmonic material applicable to the piano. Chord successions using all the diatonic harmonies, their inversions, and the simpler altered chords and modulations. *Two semester hours credit.*

Prerequisites: Harmony 7a and 7b. Two hours, first semester.

## 9b. KEYBOARD HARMONY

MR. WAGNILD

Continuation of 9a. Practical application of chromatic harmony and modulation. Creative work. *Two semester hours credit.*

Two hours, second semester.

## 10a, b. SIGHT-SINGING AND DICTATION

MR. ACKLEY

The singing and writing of diatonic intervals, triads, rhythmic patterns and melodies. *Four semester hours credit.*

Two hours, throughout the year.

## 11a, b. ADVANCED SIGHT-SINGING AND DICTATION

MR. WAGNILD

The development of musical memory and the writing and singing of difficult rhythmic patterns, intervals, and melodic phrases; aural and visual analysis or harmonic structures. *Four semester hours credit.*

Two hours, throughout the year.

## 12. MUSICAL FORM AND ANALYSIS

MR. ACKLEY

A study of the motive, phrase, period, and analysis of the construction of these, along with binary and ternary forms of composition, the invention, fugue, sonata and symphony. *Four semester hours credit.*

Two hours, throughout the year.

Prerequisite: Music 7a, 7b.

## 14. CHORAL CONDUCTING

MR. WAGNILD

Technique of the baton, fundamentals of choral interpretation, problems of organization and maintenance of groups, survey of suitable materials in the choral field, and program building. *Four semester hours credit.*

Two hours, throughout the year.

Not given 1954-1955.

## 16. INSTRUMENTAL CONDUCTING

MESSRS. HARNER and WAGNILD

Practical training in instrumental score reading and conducting. Class work in conjunction with Music 14. *Four semester hours credit.*

Two hours, throughout the year.

Not given 1954-1955.

## APPLIED MUSIC

The Music Department offers instruction in voice, piano, pipe organ, and the more common instruments. One semester hour credit is given for one half-hour private lesson per week.

The Department also sponsors various musical organizations, including the choir and the band. All regular students are eligible to try out for any of these. Auditions are held at the beginning of the school year, or at other times by appointment.

One semester hour credit is given per semester for membership in the choir or band upon the student's completion of four hours of course instruction in the Music Department exclusive of Music 1, 2, and 3.

No student may offer more than eight semester hours of applied music towards a degree.

## 31. VOICE

*Semester fee \$30*

Training in fundamentals of voice culture with emphasis upon breath control, resonance, tone quality, diction, pronunciation, and an appreciation of the best works of the masters. *One semester hour credit.*

One half hour lesson per week. Either or both semesters.

## 33. PIANO

*Semester fee \$30*

Development of touch, technique, rhythm, expression and interpretation. Repertoire adapted to ability of the student. *One semester hour credit.*

One half hour lesson per week. Either or both semesters.

## 35. PIPE ORGAN

*Semester fee \$45*

Acquisition of technique and independence in playing upon the manuals and pedals. Repertoire adapted to ability of the student. *One semester hour credit.*

Prerequisite: Satisfactory piano technique.

One full hour lesson per week. Either or both semesters.

## 37. INSTRUMENTAL INSTRUCTION

*Semester fee \$30*

Available in most common instruments. Repertoire adapted to ability of the student. *One semester hour credit.*

One half hour lesson per week. Either or both semesters.

## 50. CHOIR

The choir is composed of approximately fifty-five singers of both sexes chosen by audition. The best of choral literature is studied intensively. In addition to appearances in nearby cities, a ten-day concert tour is taken each spring.

Five rehearsals weekly.

*One semester hour credit.*

## 55. BAND

Membership in the band, which is open to men and women alike, depends entirely on the individual's musical ability and interest. The band plays at athletic events, and during the second semester gives concerts on the campus and in nearby cities.

*One semester hour credit.*

Three rehearsals weekly.

## *Philosophy*

*Professor* RICHARDSON and *Assistant Professors* LANGERHANS and SCHUBART

The courses in philosophy offer a study of the questions men have asked and the answers they have discovered for the major problems they have faced. An emphasis is placed on the methods of inquiry and on the relation of philosophy to the natural sciences, the social studies, and the humanities.

Course 1a or 3 is prerequisite for all others, unless permission is obtained from the department. Requirements for a major are 27 hours as chosen in consultation with the department. Bible 8 and 13, and Greek 7 and 13 may be included with permission of the department. Course 1, 3 or 4 may be used to fulfill the college distribution requirement.

## 1. INTRODUCTION TO PHILOSOPHY

MR. RICHARDSON

## 1a. APPROACHES TO PHILOSOPHY

The main approaches to philosophy: scientific, aesthetic, ethical, and religious. Their assumptions, methods, and results will be analyzed with a view to giving

the student both the tools and the motive for building his own philosophy of life. Credit for this course may be obtained as a unit. *Three semester hours credit.*  
Three hours, first semester.

### 1b. CONTEMPORARY WORLD PHILOSOPHIES

An attempt to familiarize the non-specializing student with the major philosophies which are bidding for his allegiance today. Such men as Marx, Kierkegaard, Nietzsche, Sartre, Hutchins, Maritain, A. Huxley, Santayana, Dewey, Russell, Bergson, and Whitehead will be studied. *Three semester hours credit.*  
Prerequisite: Philosophy 1a. Three hours, second semester.

## 3. LOGIC

MR. SCHUBART

3a. The principles of clarity in language and structure in thought, and their application. *Three semester hours credit.*  
Three hours, first semester.

3b. The principles involved in attaining reliable knowledge of any subject matter, with emphasis on the humanities and social sciences. *Three semester hours credit.*  
Three hours, second semester.

## 4. ETHICS

MR. SCHUBART

### 4a. HISTORY OF ETHICS

A historical study of the most significant philosophies of ethics from the Greeks to the present. *Three semester hours credit.*  
Three hours, first semester.

### 4b. PRINCIPLES OF ETHICS

An analysis of the principles of ethics, such as value, obligation, and law, and their application to individual and social problems. *Three semester hours credit.*  
Three hours, second semester.

## 8. POLITICAL IDEALS IN CONFLICT

MR. SCHUBART

Consideration of contemporary political philosophies, their basic principles, and their points of difference. Special attention will be given to the problems confronting democracy. *Three semester hours credit.*  
Three hours, first semester.

## 10. HISTORY OF PHILOSOPHY

MR. RICHARDSON

The development of thought concerning man and his place in the universe from the Greeks to the eighteenth century. *Six semester hours credit.*  
Three hours, throughout the year.

## 12. PHILOSOPHY OF RELIGION

MR. RICHARDSON

A historical and systematic study of our present religious beliefs. *Three semester hours credit.*  
Three hours, first semester.

## 17. MODERN PHILOSOPHY

MR. SCHUBART

The "climates of opinion" of the eighteenth, nineteenth, and twentieth centuries. Three hours, second semester. *Three semester hours credit.*

## 18. THE PHILOSOPHY OF SCIENCE

MR. LANGERHANS

An historical survey of the world-pictures which have been offered by Greek, Renaissance, and contemporary science; and an analysis of the relations between science and ethical, aesthetic, and religious values. *Three semester hours credit.* No prerequisite. Three hours, second semester. Alternates with course 19.

## 19. PHILOSOPHY OF HISTORY

MR. LANGERHANS

The religious background of the concept of history as developed in the western world: the apocalyptic image of history; millennial ideas and their secularized derivatives in modern utopias; the "City of God"; the Protestant return to apocalyptic literature; the concepts of progress and world revolution. *Two semester hours credit.*

Two hours, second semester. Alternates with course 18.

Not given 1954-1955.

## 20. SENIOR SEMINAR

MR. RICHARDSON

An advanced seminar for philosophy majors, in which one contemporary problem will be studied, and solutions suggested from the varying points of view of major philosophical thinkers. *Three semester hours credit.*

Three hours, second semester.

## Physics

*Professor LONG, Assistant Professor MARA, and Assistants*

The Department of Physics offers courses of study (1) to introduce methods of objective thinking and laboratory experimentation, (2) to relate the principles of physics to the contemporary world and its problems, (3) to correlate the principles of physics with studies in mathematics, chemistry, biology, and related fields, and (4) to provide fundamental training for students who plan to do advanced work in graduate physics and engineering curricula.

Requirements for a major include a minimum of 32 hours in Physics, as approved by the adviser. The following courses must be satisfactorily passed: Physics 2, 3, 5a, and 14, Chemistry 1, and courses in Mathematics through Mathematics 9B. Students passing Physics 1 with a grade of B or better may take advanced courses in Physics without taking Physics 102.

## 1. GENERAL PHYSICS

MESSRS. LONG, MARA, and ASSISTANTS

Introduction to the basic principles and phenomena of mechanics, heat, sound, electricity and magnetism, light, and modern physics. This course is designed to satisfy the needs of students not majoring in science.

*Eight semester hours credit.*

Prerequisite: College Entrance Algebra. One demonstration lecture, two recitations, and three laboratory hours, throughout the year.

## 102. GENERAL PHYSICS

MR. MARA and ASSISTANTS

Introduction to the fundamental laws of mechanics, heat, sound, electricity and magnetism, and light. Emphasis is placed on mathematical analysis and on applications through problems. For students majoring in science. Required of all 3-2 pre-engineering students.

*Eight semester hours credit.*

Prerequisites: Mathematics 2 or 5 (may be taken concurrently). One demonstration lecture, two recitations, and three laboratory hours, throughout the year.

## 2. MECHANICS

MR. LONG

The fundamental principles of statics and dynamics with emphasis on analysis and problem-solving operations.

*Six semester hours credit.*

Prerequisites: Physics 102 and Mathematics 6. Three hours, throughout the year.

## 3. ADVANCED LABORATORY PHYSICS

MR. LONG

Precise physical measurements in the fields of mechanics, heat, sound, and optics. Emphasis is placed on integration of theory with experimental technique.

*Four semester hours credit.*

Prerequisites: Physics 1 or 102 and Mathematics 2 or 5 (latter may be taken concurrently). One class hour and three laboratory hours, throughout the year.

## 5a. ELECTRICITY AND MAGNETISM

MR. LONG

Electrical and magnetic properties of matter; thermal, chemical, and electromagnetic effects of the electric current; direct current circuits.

*Four semester hours credit.*

Prerequisites: Physics 102 and Mathematics 6. Three class hours and three laboratory hours, first semester.

## 6a. INTRODUCTORY ELECTRONICS

MR. LONG

Alternating current circuit analysis, thermionic emission, and principles of operation of electronic tubes.

*Four semester hours credit.*

Prerequisites: Physics 102 and Mathematics 6. Three class hours and three laboratory hours, first semester.

## 6b. ADVANCED ELECTRONICS

MR. LONG

Principles of operation of electronic tube circuits with applications to radio and industrial research equipment. *Four semester hours credit.*

Prerequisite: Physics 6a. Three class hours and three laboratory hours, second semester.

## 7a. MODERN PHYSICS

MR. MARA

Theory of the basic particles, nuclear structure, and nuclear experimentation.

*Three semester hours credit.*

Prerequisites: Physics 102 and Mathematics 6. It is recommended that Mathematics 9A or 9B be taken concurrently. Three class hours, throughout the year.

## 7b. MODERN PHYSICS

MR. MARA

Theory of atomic structure and spectra.

*Three semester hours credit.*

Prerequisites: Physics 102, Mathematics 6, and Mathematics 9A or 9B (may be taken concurrently). Credit given either with or without Physics 7a. Three class hours, second semester.

## 9. THEORETICAL PHYSICS

MR. MARA

Classical dynamics in particles, rigid bodies, and deformable bodies. Selected topics in hydrodynamics and thermodynamics. *Three semester hours credit.*

Prerequisites: Physics 102, Mathematics 6, and Mathematics 9A or 9B (may be taken concurrently), and approval of instructor. Three class hours, second semester.

## 10. EXPERIMENTAL PHYSICS

MR. MARA

Individual laboratory projects in some area of physics according to the student's needs. *Semester hours credit as arranged.*

Prerequisite: Physics 4. Hours as arranged.

## 12b. DESCRIPTIVE ASTRONOMY

MR. MARA

General and descriptive astronomy.

*Two semester hours credit.*

No prerequisite. Two class hours, second semester.

## 13. THERMODYNAMICS

MR. MARA

Introduction to the concepts of heat and temperature, and of elementary thermodynamics. Applications to problems in heat and thermodynamics.

*Three semester hours credit.*

Prerequisites: Physics 102 and Mathematics 6. Three class hours, first semester.

## 14. PHYSICAL OPTICS

MR. LONG

An intermediate course treating the subjects of reflection, refraction, prisms, lenses, diffraction, interference, resolving power, and polarization.

*Three semester hours credit.*

Prerequisites: Physics 102 and Mathematics 6. Three class hours, second semester.

## 21. DESCRIPTIVE GEOMETRY

The use and care of instruments, lettering, and the theory of projection drawing in preparation for solving engineering problems by projection and revolution of points, lines, and planes.

*Two semester hours credit.*

Required for pre-engineering students.

Six laboratory hours, first semester.

## 22. ENGINEERING DRAWING

Intersections and developments, assembly and detail drawings, sections and dimensions.

*Two semester hours credit.*

Required for pre-engineering students.

Six laboratory hours, second semester.

## *Political Science*

*Professor STOKES, Assistant Professor JARVIS, and Instructor JOHNSON*

Requirements for a major include 24 semester hours. Political Science 1a and 1b are prerequisites for all courses in the department. With the adviser's approval, Philosophy 8 may be included in a Political Science major. All majors are required to take course 14 and either Economics 3A or 3.

## 1a. AMERICAN GOVERNMENT

STAFF

A study of the American political system on the national level. Sophomore course.

*Three semester hours credit.*

Three hours, first semester.

Note: Students who require only three credits in Political Science should take 1a.

## 1b. STATE AND LOCAL GOVERNMENT

STAFF

A study of American government on the state and local level. Sophomore course.

Three hours, second semester.

*Three semester hours credit.*

## 3. EUROPEAN GOVERNMENTS

MR. JOHNSON

A comparative analysis of the basic principles which govern the organization and operation of the principal governments of the world. Executive, legislative,

judicial and party controls over government; controls to achieve administrative ends; administrative sanction and procedure. *Three semester hours credit.*  
Sophomore and Junior course. Three hours, first semester.

#### 4. CONSTITUTIONAL LAW

MR. JARVIS

Analysis of the federal Constitution as an instrument of conferring and restraining governmental power. Philosophical and political aspects of the judicial process probed by the case method treatment of Supreme Court decisions.

Supplementary readings required. *Three semester hours credit.*

Junior and Senior course. Three hours, first semester.

#### 5. INTERNATIONAL LAW

MR. JARVIS

Principles of law generally recognized by modern states, including the legal relations of states and individuals, treaty making and diplomacy, and those decisions of American and foreign municipal courts which bear upon the subject. Current developments in the United Nations are discussed. *Three semester hours credit.*  
Junior and Senior course. Three hours, second semester.

#### 6. BUSINESS AND GOVERNMENT

MR. JARVIS

The shaping of public policy towards business as reflected in legislation and judicial decisions, with particular emphasis on the regulation of competition and monopoly. The problem of state intervention in areas of corporate development and individual freedom. *Three semester hours credit.*

Prerequisite: Economics 3, Political Science 1. Junior course. Three hours, second semester.

#### 8. POLITICAL PARTIES

MR. JARVIS

The role of the political party as an instrument for effectuating the public will. The influence of pressure groups in the formation of public policy. Electoral behavior and American party organization are examined in the context of current political questions. *Three semester hours credit.*

Junior course. Three hours, first semester.

#### 9. INTERNATIONAL RELATIONS

MR. JOHNSON

National policies of the major world powers in the post-war world against the background of geographic, economic, demographic, and strategic influences, with special emphasis placed on the role of the United States in international relations. Required student reports on current world developments.

Junior course. Three hours, first semester. *Three semester hours credit.*

## 11. AMERICAN POLITICAL THOUGHT

MR. JOHNSON

A survey of American political philosophy from colonial times to the present, as expressed in the writings, speeches, and activities of leading personalities in American politics. *Three semester hours credit.*

Junior and Senior course. Three hours, second semester.

## 14. HISTORY OF POLITICAL THOUGHT

MR. JARVIS

A study of the contributions of the most important thinkers in political science from Plato to the present. Required for all majors. *Three semester hours credit.*

Junior or Senior course. Three hours, first semester.

## 16. AMERICAN FOREIGN POLICY

MR. JOHNSON

This course is designed to acquaint the student with the current diplomatic problems which must be met by American foreign policy. Some attention will be given to an examination of the machinery and processes involved in policy determination (emphasis on the Department of State, United Nations, and Congressional direction). *Three semester hours credit.*

Junior and Senior course. Three hours, second semester.

## 18. SENIOR SEMINAR

MR. JARVIS

This course is primarily designed to train the student in the use of research materials and is open only to seniors with a B average.

Three hours, second semester.

*Three semester hours credit.*

## PUBLIC FINANCE

See Economics 19.

## Psychology

*Professor SMOKE, Instructor EDDINS, and Lecturer HELMRICH*

Psychology 1 is a prerequisite for all other courses in the Department. Requirements for a major include Psychology 1, 10, and 12, and fifteen additional semester hours, as approved by the Department. Education 5 may be included. Students looking forward to being recommended for admission to graduate school will be expected to take Psychology 8 and 15.

Psychology majors are advised to take Psychology 3 or 6 immediately after Psychology 1, and to take Psychology 8 no later than their Junior year.

At least one year of post-graduate work is almost always required of applicants for positions in psychology.

## 1. GENERAL PSYCHOLOGY

STAFF

Introduction to the facts and principles of psychology.

Three hours, either semester.

*Three semester hours credit.*

2. BUSINESS AND INDUSTRIAL PSYCHOLOGY Mr. EDDINS  
The selection, placement, and training of workers, and the role of personality factors in the efficient operation of business and industrial organizations.  
Three hours, second semester. *Three semester hours credit.*
3. SOCIAL PSYCHOLOGY MESSRS. EDDINS and SMOKE  
Psychological study of human experience and behavior in social situations.  
Three hours, second semester. *Three semester hours credit.*
4. HISTORY OF PSYCHOLOGY Mr. HELMRICH  
Major developments in the history of psychology, with special attention to the rise of the various "schools" of psychology. *Three semester hours credit.*  
Three hours, first semester.
5. APPLIED PSYCHOLOGY Mr. HELMRICH  
Applications of psychology to such specific areas as market research, public opinion polling, guidance and counseling, criminology, and getting a job. Outside readings and reports in areas of student's special interests.  
Three hours, first semester. *Three semester hours credit.*  
Not given 1954-1955.
6. MENTAL HYGIENE Mr. HELMRICH  
Principles of personal adjustment and healthy-mindedness.  
Three hours, second semester. *Three semester hours credit.*
7. PSYCHOLOGY OF PERSONALITY Mr. SMOKE  
The nature of personality, together with the methods and results of its study.  
Three hours, first semester. *Three semester hours credit.*
- 8a. PSYCHOLOGICAL TESTS AND MEASUREMENTS Mr. EDDINS  
A survey of tests, inventories, and other instruments, and of statistical computations used in psychology and education. *Three semester hours credit.*  
Two class hours and two laboratory hours, first semester.
- 8b. PSYCHOLOGICAL TESTS AND MEASUREMENTS Mr. EDDINS  
Theory and practice in the construction and administration of psychological tests and the interpretation of their results. *Three semester hours credit.*  
Prerequisite: Psychology 8a. Two class hours and two laboratory hours, second semester.

## 9. CHILD AND ADOLESCENT PSYCHOLOGY

MR. HELMRICH

The mental growth of the child and the adolescent. *Three semester hours credit*  
Three hours, first semester.

## 10. EXPERIMENTAL PSYCHOLOGY

MR. SMOKE

Introduction to the purposes, materials, methods, and results of psychological experimentation. Laboratory work and selected readings.

*Three semester hours credit.*

Open only to Juniors and Seniors who are majors in the Department.

Two class hours and two laboratory hours, second semester.

## 11. PSYCHOLOGICAL STATISTICS

MR. EDDINS

Statistical techniques of importance in psychology, including such topics as the measurement of central tendency and variability, kinds of correlation, statistical inference, analysis of variance, and the design of experiments.

Three hours, first semester.

*Three semester hours credit.*

## 12. ADVANCED GENERAL PSYCHOLOGY

MR. EDDINS

Motivation, perception, learning, and other topics in general psychology for advanced students.

*Three semester hours credit.*

Prerequisite: At least six semester hours in Psychology. Three hours, second semester.

## 13. INTRODUCTION TO CLINICAL PSYCHOLOGY

MR. HELMRICH

A survey of the field of clinical psychology; its problems, methods, and areas of application.

*Three semester hours credit.*

Prerequisite: At least six semester hours in Psychology.

Junior and Senior course. Three hours, second semester.

Not given 1954-1955.

## 14. ABNORMAL PSYCHOLOGY

MR. HELMRICH

Psychological approach to the problems of mental deficiency and insanity.

*Three semester hours credit.*

Junior and Senior course. Three hours, second semester.

## 15. SENIOR READING COURSE

MR. SMOKE

Supervised reading in psychology.

*Semester hours as arranged.*

Open only to Seniors who are majors in the Department. Conference hours as arranged, first semester.

## *Reserve Officers' Training* *(ROTC and AFROTC)*

Gettysburg College participates in the national security program by offering to its students, in cooperation with the armed forces, the opportunity to acquire training for future military leadership in the event of a national emergency. This training is conducted by members of the regular services through integrated courses taught by means of classroom lectures and recitations, conferences, seminars, and practical applications. Adequate equipment of the most modern type, including radios, motor vehicles, recoilless weapons, small arms, films, charts, instruments, models, etc., are available for instructional purposes. Regular texts and uniforms are furnished by the United States Government.

Training in this reserve officer program is available in both the Army (Department of Military Science and Tactics, commonly referred to as ROTC) and the Air Force (Department of Air Science and Tactics, commonly referred to as AFROTC).

Both these training programs are divided into two general courses, Basic and Advanced. The Basic course, taken during the Freshman and Sophomore years, is general in nature and may be elected instead of Physical Education activities for those years. The ROTC program is open to all physically qualified men students who are citizens of the United States, and the AFROTC program is open to both men and women students who meet the standards. During this Basic course texts and uniforms are furnished on a loan basis. The majority of AFROTC students must agree to take flying training upon receipt of their commissions in the USAF Reserve.

Students enrolling for the Advanced course, taken during the Junior and Senior years, are selected from those who have completed the Basic course and who have demonstrated a satisfactory level of proficiency and leadership. Veterans of previous service may be granted credit in lieu of the Basic course.

During the Advanced course uniforms, texts, and equipment are furnished, and students are paid at the rate of approximately \$330.00 a year. Between the Junior and Senior years all Advanced course men are obliged to attend a summer camp for a period of approximately six weeks for practical training, during which time they are paid at the rate of \$78 a month in addition to transportation, food, and clothing.

Under the General Military Science program offered, graduates of the ROTC program may be commissioned in one of the many branches of the Army, based on their desires and academic background, and on the needs of the Army. Those who are outstanding may qualify for Regular Army commissions. Top priority for flight training is given to graduates of the AFROTC.

Under present circumstances, men participating in the ROTC and AFROTC programs are deferred from induction under Selective Service regulations until graduation, if satisfactory academic progress is maintained, provided they demonstrate that they possess the qualities necessary to become Army or Air Force officers, and provided that they agree to accept Regular or Reserve commissions if tendered, and to serve at least two years on active duty if called and six years in the Reserves.

There is no provision to grant commissions to women who have completed the AFROTC program.

Since each unit must operate under a quota system established for it, and since student applications for training in each service vary from year to year, it is not always possible for an entering student to be admitted for officer training in the service of his choice, but every effort is made to permit him to do so within the limitations of the quotas established.

## *Military Science and Tactics*

*Professor* LIPSEY, *Assistant Professors* EISMANN and UNGER, *Instructors* EVERMAN, DEBORDE, FISCUS, NAVICKAS, and RION

### BASIC COURSE

#### 1. BASIC COURSE, FRESHMAN

School of the soldier; American Military History; weapons and marksmanship.  
Three periods, throughout the year. *Four semester hours credit.*

#### 2. BASIC COURSE, SOPHOMORE

School of the soldier; crew-served weapons and gunnery; map and aerial photography.  
Three periods, throughout the year. *Four semester hours credit.*

### ADVANCED COURSE

#### 3. ADVANCED COURSE, JUNIOR

Leadership, exercise of command; military teaching; organization, function, and mission of the services; tactics and communication of rifle platoon and company, heavy weapons platoon and company. Five periods, throughout the year. *Six semester hours credit.*

#### 4. ADVANCED COURSE, SENIOR

Leadership, exercise of command; estimate of the situation and combat orders; command and staff; motors and communication; administration; military law and boards; military intelligence; training management; the military team; troop movements; supply and evacuation; tactics of infantry battalion; the role of the United States in world affairs; officer indoctrination.  
Five periods, throughout the year. *Six semester hours credit.*

## *Air Science and Tactics*

*Professor FULTON, Assistant Professors McKEAND, ANDREWS, and LUTZ,  
Instructors JOHNSON, LEONARD, EVINS, and McCASLIN*

### BASIC COURSE

#### 1. BASIC COURSE, FRESHMAN

Introduction to AFROTC; introduction to aviation; fundamentals of global geography; international tensions and security organizations; instruments of national military security; basic military training. *Four semester hours credit.*  
Four periods, throughout the year.

#### 2. BASIC COURSE, SOPHOMORE

Elements of aerial warfare, consisting of introduction to targets, weapons, aircraft, the air ocean, the Air Force base, and Air Force operations; careers in the United States Air Force; leadership laboratory—cadet non-commissioned officer training. *Four semester hours credit.*  
Four periods, throughout the year.

### ADVANCED COURSE

#### 3. ADVANCED COURSE, JUNIOR

The Air Force commander and his staff; problem solving techniques; communications process and Air Force correspondence; military law, courts, and boards; applied air science—aircraft engineering, navigation, and weather; Air Force base functions; leadership laboratory. *Six semester hours credit.*  
Six periods, throughout the year.

#### 4. ADVANCED COURSE, SENIOR

Principles of leadership and management (seminar); career guidance; military aspects of world political geography; military aviation and the art of war; briefing for commissioned service; leadership laboratory. *Six semester hours credit.*  
Six periods, throughout the year.

## *Romance Languages*

*Professor BACHMAN, Associate Professors HAMME and HARTSHORNE, Assistant Professors FRANCO and SANBORN, Instructors ALVAREZ-SILVA, BARRIGA, and LEHNBERGER*

Requirements for a major in French or Spanish include a minimum of 24 semester hours above the A Course; 30 semester hours are necessary for a teaching major.

Requirements for a teaching major or minor in French must include courses 3 and 4, and 5.

Requirements for a major in Spanish must include a reading knowledge of a second foreign language.

## FRENCH LANGUAGE

### A. ELEMENTARY FRENCH

MISS LEHNBERGER, and MESSRS. HARTSHORNE and SANBORN

Essentials of grammar; practice in composition, reading, and translation.

Three hours, throughout the year.

*Six semester hours credit.*

### 1. INTERMEDIATE FRENCH

MISS LEHNBERGER, and MESSRS. HARTSHORNE and SANBORN

Grammar review and composition. Reading of selections from modern French authors.

*Six semester hours credit.*

Prerequisite: French A or its equivalent. Three hours, throughout the year.

### 3. ADVANCED FRENCH COMPOSITION

MR. BACHMAN

Systematic study of French grammar connected with composition drill. Stress on free composition.

*Three semester hours credit.*

Prerequisite: French 1. Three hours, first semester.

### 4. ADVANCED FRENCH CONVERSATION

MR. BACHMAN

This course aims especially to develop facility in oral expression.

*Three semester hours credit.*

Prerequisite: French 1 or equivalent. Three hours, second semester.

### 5. PRACTICAL PHONETICS

MR. BACHMAN

Study of the alphabet of the International Phonetic Association. Major emphasis is placed on oral practice.

*Two semester hours credit.*

Alternates with French 6.

Not given 1954-1955.

### 6. INTRODUCTION TO ROMANCE PHILOLOGY

MR. BACHMAN

Morphology of French, Spanish, and possibly Italian. Emphasis on the phenomena having special significance for teachers or graduate students. Recommended to majors and minors both in French and in Spanish.

*Two semester hours credit.*

Prerequisites: French 3 and 4 or French 11 and equivalents. Two semester hours, first semester. Alternates with French 5.

## 7. OLD FRENCH LANGUAGE AND LITERATURE

MR. BACHMAN

Study of the various *genres* of medieval French literature.*Two semester hours credit.*

Prerequisite: French 6. Two hours, second semester. Alternates with French 21.

Not given 1954-1955.

## 9. EXPLICATION DE TEXTES

MR. BACHMAN

Designed for Seniors only. Conference hours as arranged, either semester.

Two hours, either semester.

*Two semester hours credit.*

## FRENCH LITERATURE

The following courses fulfill the one-year literature requirement.

## 11. SURVEY COURSE IN FRENCH LITERATURE

MR. SANBORN

A general survey of French literature from the Middle Ages to the 19th century.

*Six semester hours credit.*

Prerequisite: French 1 or its equivalent. Three hours, throughout the year.

## 13. FRENCH LITERATURE OF THE 19TH CENTURY, 1800-1850

MR. HARTSHORNE

Selections from poets and prose writers of the Romantic and Realistic movements.

*Six semester hours credit.*

Prerequisite: French 1 or its equivalent. Three hours, throughout the year.

Alternates with French 14.

Not given 1954-1955.

## 14. FRENCH LITERATURE OF THE 19TH CENTURY, 1850-1900

MR. HARTSHORNE

Selections from poets and prose writers of the Naturalistic and Symbolistic movements.

*Six semester hours credit.*

Prerequisite: French 1 or its equivalent. Three hours, throughout the year.

Alternates with French 13.

## 15. FRENCH LITERATURE OF THE 20TH CENTURY

MR. SANBORN

A study of the more recent literary tendencies of France, with special reference to the national life and character.

*Six semester hours credit.*

Prerequisite: French 1 or its equivalent. Three hours, throughout the year.

17. FRENCH LITERATURE OF THE 17TH CENTURY      MR. BACHMAN  
 French classicism as revealed in the dramatic works of Corneille, Molière, and Racine. Study of the representative prose writers. *Six semester hours credit.*  
 Prerequisite: French 1 or its equivalent. Three hours, throughout the year.  
 Alternates with French 18.
18. FRENCH LITERATURE OF THE 18TH CENTURY      MR. BACHMAN  
 Critical study of the "*esprit philosophique*" as illustrated in the writings of Montesquieu, Voltaire, Diderot, d'Alembert, Buffon, Rousseau, and others.  
*Six semester hours credit.*  
 Prerequisite: French 1 or its equivalent. Alternates with French 17.  
 Not given 1954-1955.

### FRENCH CIVILIZATION, METHODS, SEMINAR

21. HISTORY OF FRENCH CIVILIZATION      MR. BACHMAN  
 A survey of French history, emphasizing the French contributions to the political, social, and cultural movements of Europe. *Two semester hours credit.*  
 No language requirements. Two hours, second semester.  
 Alternates with French 7.
23. METHODS OF TEACHING FRENCH      MR. BACHMAN  
 Lesson planning in conjunction with grammar review; discussions concerning the cultural material to be used; selection of suitable texts.  
 Open only to Juniors and Seniors who expect to teach and who have been recommended by the Department head. *Three semester hours credit.*  
 Three hours, first semester. Given only in alternate years.
25. THESIS IN FRENCH      STAFF  
 Open only to Seniors who are members of Phi Sigma Iota.  
 Conference hours as arranged, either semester. *Two semester hours credit.*

### SPANISH LANGUAGE

- A. ELEMENTARY SPANISH  
 MISS LEHNBERGER, and MESSRS. BARRIGA and HARTSHORNE  
 Fundamentals of grammar and reading. *Six semester hours credit.*  
 Three hours, throughout the year.
1. INTERMEDIATE SPANISH      MISS LEHNBERGER, and MESSRS. ALVAREZ-SILVA, BARRIGA, FRANCO, and HAMME  
 Review of Spanish grammar, conversation, translation, and composition.  
 Prerequisite: Spanish A or its equivalent. Three hours, throughout the year.  
*Six semester hours credit.*

2. ADVANCED COMPOSITION AND CONVERSATION MR. FRANCO

Social and business letter writing, short Spanish themes, advanced grammar, and conversation based on current events and life-situations.

*Six semester hours credit.*

Prerequisite: Spanish 1 or its equivalent. Three hours, throughout the year.

Not given 1954-1955.

## SPANISH LITERATURE

The following courses fulfill the one-year Literature requirement. All three hours throughout the year. Prerequisite for all courses up to 20: Spanish 1 or its equivalent.

10. LENGUA Y LITERATURA (SURVEY COURSE IN SPANISH LITERATURE) MR. FRANCO

A study of the development of the Spanish géneros literarios to the present day. Geographical and historical background. Reading and discussion of selection from some of the most outstanding authors of each period.

*Six semester hours credit.*

11. SPANISH-AMERICAN LITERATURE MR. HAMME

A survey course with emphasis on poetry and the novel.

*Six semester hours credit.*

12. NINETEENTH CENTURY SPANISH DRAMA MR. FRANCO

Romantic and post-romantic Spanish drama from the Duque de Rivas to Espronceda.

*Six semester hours credit.*

Not given 1954-1955.

13. NINETEENTH CENTURY SPANISH NOVEL MR. FRANCO

The costumbrista movement. Reading and discussion of works from Cecilia Böhl de Faber to and including some of the works by Pérez Galdós.

*Six semester hours credit.*

14. CONTEMPORARY SPANISH NOVEL MR. HAMME

Reading and study of novels beginning with the Generation of '98.

Prerequisite: Spanish 1 or its equivalent.

*Six semester hours credit.*

Not given 1954-1955.

15. CONTEMPORARY SPANISH DRAMA MR. FRANCO

Reading and study of the outstanding plays of the 20th Century beginning with the Generation of 1898.

*Six semester hours credit.*

Not given 1954-1955.

16. NOVELA DEL SIGLO DE ORO<sup>1</sup> MR. HAMME  
 Study of *La novela picaresca* and *Don Quijote*. *Six semester hours credit.*
17. TEATRO DEL SIGLO DE ORO MR. FRANCO  
 Lope de Vega and other dramatists of the Siglo de Oro.  
*Six semester hours credit.*
21. SPANISH-AMERICAN CULTURE AND PROBLEMS MR. FRANCO  
 Social, economic, and political problems of Spanish America. Study and interpretation of contemporary Latin American essays. *Six semester hours credit.*  
 Prerequisite: at least one Spanish Literature course from Numbers 10 to 10.

### SPANISH CIVILIZATION, METHODS, SEMINAR

31. METHODS AND TECHNIQUE OF TEACHING SPANISH MR. FRANCO  
 Technique, lesson planning, selection of textbooks, remedial teaching. Lectures, reports, and classroom practice. *Three semester hours credit.*  
 For teaching majors. Hours as arranged.  
 Three hours. First semester.  
 Given in alternate years. Not given 1954-1955.
32. THESIS IN SPANISH MESSRS. FRANCO and HAMME  
 Research and outlining. Individual conferences. *Two semester hours credit.*  
 Two hours either semester. Conference hours as arranged.  
 Prerequisite: Any course from the group 10-30.

### Sociology

*Professor BLOSS, Assistant Professors LANGERHANS and SCHUBART*

Requirements for a major include Sociology 1, 2, 10 and 11 and twelve additional semester hours in Sociology as approved by the Department. Students looking forward to Social Work must take Sociology 3 and 9.

Sociology 1 and 2 are prerequisite to all other courses in the Department.

1. PRINCIPLES OF SOCIOLOGY MISS BLOSS and MR. LANGERHANS  
 Survey of the basic forms of human association and interaction; culture and personality; collective behavior; institutions; social organization; social change.  
 Three hours, either semester. *Three semester hours credit.*

## 2. CULTURE AND PERSONALITY

MR. LANGERHANS

Interrelation of the individual, society and culture. Motivation, learning, personality formation, psychological processes which enter into the interactions of individuals. Interactional processes as they relate to the roles and statuses of the individual in his social-cultural world. Diverse cultures with reference to institutions, value systems, behavior patterns and their interrelations.

*Three semester hours credit.*

Prerequisite: Sociology 1. Three hours, second semester.

## 3. INTRODUCTION TO SOCIAL WORK

MISS BLOSS

Development and organization of modern social services under public and private auspices. Basic processes of social case work, group work and community organization.

*Three semester hours credit.*

Three hours, first semester.

## 4. FIELD WORK EXPERIENCE

MISS BLOSS

Current trends in the philosophy and practice of social work. Two hour seminar one day each week plus field work for one-half day per week in approved social agencies offering supervision.

*Three semester hours credit.*

Senior course. Three hours, second semester.

## 5. MARRIAGE AND THE FAMILY

MR. SCHUBART

A study of personality and human relations in marriage and the family. A survey of the effect of contemporary American culture on the concept and functions of marriage and the family.

*Three semester hours credit.*

Three hours, first semester.

## 6. RURAL SOCIOLOGY

MISS BLOSS

Rural social organization and the social processes operative in rural society. Emphasis on present day rural trends and their significance for contemporary American life.

*Three semester hours credit.*

Three hours, first semester.

## 7. URBAN SOCIOLOGY

MISS BLOSS

Development of the city since the Industrial Revolution; structural and functional characteristics of the urban community; problems arising from the urbanization and industrialization of contemporary society.

Three hours, second semester.

*Three semester hours credit.*

## 8. MASS COMMUNICATION

MR. LANGERHANS

Relationship of public opinion to social control and collective behavior. Special attention given to the various media of mass communication such as the news-

paper, radio, motion picture and to the problems of monopoly, propaganda and freedom.

*Three semester hours credit.*

Three hours, first semester.

Alternates with Sociology 16; not given 1954-1955.

## 9. SOCIAL LEGISLATION

MISS BLOSS

Study of the changing philosophy of Government to meet the needs of modern industrial civilization; special attention given to present day social welfare policies and programs at the federal, state and local levels.

Three hours, second semester.

*Three semester hours credit.*

## 10. SOCIAL THEORY

MR. LANGERHANS

Causality and field-theory in the social sciences. The contributions of Durkheim, Pareto and Weber to social theory. Recent trends in American sociology.

Three hours, second semester.

*Three semester hours credit.*

## 11. METHODS OF SOCIAL RESEARCH

MR. LANGERHANS

Techniques, hypotheses, experimental designs, statistical procedures in social research. Analysis of some of the classic and significant studies in the fields of the social sciences.

Three hours, first semester.

*Three semester hours credit.*

## 12. SOCIAL MOVEMENTS

DR. LANGERHANS

The dynamics of social movements and mass manipulation. Organizational forms and ideologies. Trade unions and Socialist parties. Patterns of revolution: 1789, 1848, 1917, 1949. Marx to Mao. Background of bolshevism, fascism and national socialism. International Communism, its methods of organization, propaganda and terror.

Three hours, first semester.

*Three semester hours credit.*

## 13. CRIMINOLOGY

MISS BLOSS

Analysis of the social, cultural and psychological factors involved in the development of the criminal; evaluation of our present system of criminal justice; trends and future objectives.

Three hours, first semester.

*Three semester hours credit.*

## 14. AMERICAN CULTURE

A study of the growth of some major institutions and intellectual traditions which have contributed to the formation of the American ideology.

Not given in 1954-1955.

*Three semester hours credit.*

## 15. INDUSTRIAL SOCIOLOGY

The industrial plant as a complex social organization; the functional relationships between industrial production and other aspects of societal organization.

Not given in 1954-1955.

*Three semester hours credit.*

## 16. AMERICAN MINORITY GROUPS

MR. LANGERHANS

A history of American minority groups, their special problems and their place in American society. Sociological and social psychological theories will be stressed.

*Three semester hours credit.*

Alternates with Sociology 8. Three hours, first semester.

*Spanish*

(See Romance Languages)

*Speech*

(See English)

# *Alumni Organizations*

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## *The Alumni Association*

The Gettysburg College Alumni Association, founded in 1835, is comprised of graduates of the College and former students who were regularly matriculated. It is organized to promote the welfare of Gettysburg College and to maintain good fellowship among the members. Though the Association meets but once a year, the Alumni Council meets at the spring and fall Homecomings. The Executive Committee meets each January to plan and execute organization affairs.

Many local branches of the Association hold frequent meetings.

## *Executive Committee*

### ASSOCIATION OFFICERS

President ..... RALPH W. HOCH, '16, 191 Treaty Road, Drexel Hill  
Vice President .. WILLIAM H. B. STEVENS, '26, 410 North Third Street, Harrisburg  
Alumni Secretary ..... C. PAUL CESSNA, '15, Gettysburg College  
Recording Secretary .. JANE ANN LILlich, '47, 86 Admiral Blvd., Baltimore 22, Md.  
Treasurer ..... THOMAS E. WEAVER, '25, Lehigh National Bk. Bldg., Catasauqua

### CHAIRMEN OF STANDING COMMITTEES

Alumni Clubs ..... MRS. CARL O. GLEITSMANN, '39  
Alumni Days ..... PAUL E. STEIN, '30  
Endowment and Scholarship ..... RAY A. BARNARD, '15  
Finance ..... EARL E. ZIEGLER, '21  
Medal ..... LEE R. FISHER, '25  
Nominating ..... PAUL F. CURFMAN, '26  
Public Relations ..... GEORGE B. BAKER, '20  
Secondary Schools ..... EARL K. STOCK, '19  
Undergraduate ..... MRS. LESTER O. JOHNSON, '33

### PAST PRESIDENTS

H. H. BEIDLEMAN, '12  
C. E. GERBERICH, '13  
R. C. DOUGHERTY, '00  
C. L. S. RABY, '09

H. G. PORTS, '25  
W. H. PATRICK, JR., '16  
R. F. SEIBEL, JR., '26  
J. A. APPLE, '19

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G. LISLE BEERS, '21 .....	Term Expires 1955
CHARLES L. EBY, '33 .....	Term Expires 1956
PAUL L. LOTZ, '15 .....	Term Expires 1957

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Secretary .....	P. W. DELAUTER, '27, 3 S. 3rd St., Mifflintown

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 Secretary ..... J. D. MCGRAW, '33, 2124 Delaware Ave.

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Secretary ..... R. Z. IMLER, '00, 306 Levermore Ter., Los Angeles

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# Students in College

## Seniors, Class of 1954

- Adickes, Donald K., *Hist.*, Bronxville, N. Y.  
Aikin, Arthur C., Jr., *Phy.*, Gettysburg, Pa.  
Albaugh, Mary C., *Chem.*, Baltimore, Md.  
Allard, Nicholas L., *Bio.*, Waynesboro, Pa.  
Almy, Frederic S., Jr., *Econ.*, Englewood, N. J.  
Armstrong, Frank, *Hist.*, Harrisburg, Pa.  
Arnfield, James R., *Econ.*, Homestead, Pa.  
  
Bacheller, Babette B., *Psych.*, Short Hills, N. J.  
Bakeman, Ronald B., *Econ.*, Wappingers Falls, N. Y.  
Bates, Wayne E., *P.S.*, Washington, D. C.  
Bernstorff, Bernhard A., *Econ.*, Teaneck, N. J.  
Blunck, Kurt G., *Math.*, Fairlawn, N. J.  
Bohen, Sheldon J., *Bio.*, Brooklyn, N. Y.  
Bohn, Donald M., *S.S.*, Camp Hill, Pa.  
Bollinger, Donald E., *Mus.*, Gettysburg, Pa.  
Bowling, Barbara E., *Eng.*, Easton, Pa.  
Bowman, Kenneth, *P.E.*, Palmyra, Pa.  
Brandt, Marjorie A., *Eng.*, Mechanicsburg, Pa.  
Bray, Roger P., *Eng.*, Pemberton, N. J.  
Bream, Helen, *Span.*, Gettysburg, Pa.  
Brennan, John T., *Econ.*, Springfield, Del. Co., Pa.  
Brubaker, Robert D., *Eng.*, Media, Pa.  
Buchter, Richard F., *Bio.*, Copiague, N. Y.  
Burwell, Joan, *Econ.*, Maplewood, N. J.  
Bushman, Daniel M., *P.S.*, Arendtsville, Pa.  
  
Carlbom, Joel S., *Econ.*, Westfield, N. J.  
Chambers, William L., *Chem.*, Gettysburg, Pa.  
Clark, Donald R., *Chem.*, Carlisle, Pa.  
Clement, William H., *Chem.*, Blairsville, Pa.  
Coates, Alan B., *Phil.*, Easton, Md.  
Coleman, Joseph A., III, *Econ.*, Norristown, Pa.  
Comery, Alan G., *Chem.*, Ridgewood, N. J.  
Corcoran, William A., *Bio.*, Harrisburg, Pa.  
  
David, Marvin R., *Math.*, Easton, Pa.  
Davis, Ruth E., *S.S.*, Bayside, Long Island, N. Y.  
Davison, James G., *Hist.*, Linden, N. J.  
Deane, Shirley A., *S.S.*, Oreland, Pa.  
Deickler, Robert B., *Econ.*, Chappagua, N. Y.  
DeMichele, Ralph E., *Econ.*, Guttenberg, N. J.  
Dickinson, William G., *Econ.*, Kingston, N. Y.  
Dietze, Robert J., *Bio.*, Verona, N. J.  
Dise, George D., *Math.*, Glen Rock, Pa.  
Drennen, Winona J., *Eng.*, Narberth, Pa.  
Dunn, George, III, *Econ.*, Olean, N. Y.  
  
Eberly, Enos C., *Math.*, Dallastown, Pa.  
Ebersole, Edward W., *Chem.*, High Spire, Pa.  
Eckert, Arthur M., *Econ.*, Gettysburg, Pa.  
  
Elwell, Donald C., *Psy.*, New York, N. Y.  
Elwood, Dolores A., *Psy.*, Delmont, Pa.  
Engel, Peggy A., *Span.*, Scottsdale, Pa.  
Etter, Robert M., *Chem.*, Chambersburg, Pa.  
Evangelista, Samuel J., *P.E.*, Gibbstown, N. J.  
Evans, Jane L., *Econ.*, Pottstown, Pa.  
Evelan, Gerald S., *Econ.*, Noxen, Pa.  
  
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Fickel, Marjorie A., *S.S.*, Carlisle, Pa.  
Fischer, Ralph C., *Hist.*, Westfield, N. J.  
Fischer, Robert L., *Econ.*, Westfield, N. J.  
Fisher, Edward J., III, *Psy.*, Baltimore, Md.  
Fisher, Rodney S., *Econ.*, Springfield, Pa.  
Forbes, William F., *Psy.*, Conyngham, Pa.  
Franke, Barbara A., *S.S.*, Johnstown, Pa.  
Franz, Frank M., Jr., *Hist.*, Philadelphia, Pa.  
Franz, Jean L., *Eng.*, Baltimore, Md.  
Frederick, Albert W., *Econ.*, Arendtsville, Pa.  
Friedrich, Charles P., *Bio.*, Haddonfield, N. J.  
Frinzi, Michael J., *Econ.*, Phillipsburg, N. J.  
  
Garman, Raymond P., *Chem.*, York, Pa.  
Gatto, Robert B., *Psy.*, Fieldsboro, N. J.  
Gemmell, Robert M., *Econ.*, Hanover, Pa.  
Gilliss, Alfred G., *Bio.*, Merchantville, N. J.  
Glaser, Joan V., *Eng.*, Hillside, N. J.  
Graeff, Robert L., *Econ.*, Drexel Hill, Pa.  
Greene, Kenneth R., *Span.*, Rowlette, Pa.  
Greth, Carl F., *Econ.*, Hamburg, Pa.  
Griesmann, Donald A., *Lat.*, Gettysburg, Pa.  
Guarneschelli, Philip G., *P.S.*, Woodmere, N. Y.  
Guise, D. Richard, *P.S.*, Gettysburg, Pa.  
  
Habeeb, John R., *Econ.*, West New York, N. J.  
Haldt, Denise R., *S.S.*, Lansdowne Park, Pa.  
Hall, Barbara, *Econ.*, Springfield, Delaware Co., Pa.  
Hallstein, Irene L., *Bio.*, Tarrytown, N. Y.  
Hansmann, Nancy, *S.S.*, Glenside, Pa.  
Hanson, Marlowe, *Econ.*, Pittsburgh, Pa.  
Harris, William B., *Econ.*, Pittsburgh, Pa.  
Harrison, Charles H., *Eng.*, Ridgewood, N. J.  
Harvey, Jacquelyn M., *Econ.*, Camp Hill, Pa.  
Hawk, Shirley M., *Eng.*, Littlestown, Pa.  
Heckman, Patricia A., *Bio.*, Easton, Pa.  
Hemberger, Walter W., *Econ.*, West New York, N. Y.  
Henning, Paul F., *Math.*, Harrisburg, Pa.  
Heston, Bryant, *Bio.*, Drexel Hill, Pa.  
Hildebrand, Theodore R., *Ger.*, Chicora, Pa.  
Hoke, Richard V., *Fr.*, Hanover, Pa.  
Holland, Donald J., *P.E.*, West Catasauqua, Pa.

- Holley, Barbara A., *Hist.*, Upper Darby, Pa.  
 Holtzapple, Kenneth E., *Chem.*, Dallastown, Pa.  
 Humbert, Earl R., *Phil.*, Littlestown, Pa.  
 Hutt, Carolyn M., *Psy.*, Locust Valley, N. Y.  
 Ickes, Eugene M., *Bio.*, York, Pa.  
 Jacobi, Ronald A., *P.E.*, Haddon Heights, N. J.  
 Johnson, Elizabeth M., *Psy. and Econ.*, Philadelphia, Pa.  
 Jones, Carol R., *Econ.*, Pittsburgh, Pa.  
 Jones, Eugene F., *Econ.*, New Oxford, Pa.  
 Jones, Glenwood E., *S.S.*, Dundalk, Md.  
 Jones, Mary A., *Psy.*, Waynesboro, Pa.  
 Jones, William W., *Bio.*, Merchantville, N. J.  
 Kadilak, John A., *Econ.*, York, Pa.  
 Kammerer, John E., *Phy.*, Baltimore, Md.  
 Kauffman, Mary E., *Span.*, Lancaster, Pa.  
 Kaufman, Karl J., *Econ.*, Altoona, Pa.  
 Keller, John H., *P.E.*, Selinsgrove, Pa.  
 Kircher, Ann L., *Bio.*, Plainfield, N. J.  
 Knecht, George B., *Econ.*, Elkins Park, Pa.  
 Knopf, Robert J., *Chem.*, Cliffside Park, N. J.  
 Krebs, Richard H., *S.S.*, Mercersburg, Pa.  
 Krick, Robert H., *Econ.*, Gettysburg, Pa.  
 Kroggel, Lawrence P., *Bio.*, North Tarrytown, N. Y.  
 Kuhlthau, Kearney Y., Jr., *Econ.*, Milltown, N. J.  
 Kurtz, Gethin J., *Econ.*, Hershey, Pa.  
 Lampe, James H., *Econ.*, Waldwick, N. J.  
 Lang, Joseph J., *P.E.*, Philadelphia, Pa.  
 Larkin, John R., *Span.*, Walkingford, Pa.  
 Lehman, Marilyn J., *Hist.*, Johnstown, Pa.  
 Lehr, William S., *P.E.*, Chevy Chase, Md.  
 Leinhardt, Franklyn J., *Econ.*, Hanover, Pa.  
 Leister, Glenn F., *Chem.*, Hanover, Pa.  
 Logan, Robert H., *S.S.*, Bloomsburg, Pa.  
 Lose, Susan G., *Fr.*, Gettysburg, Pa.  
 Losee, Dwight, *Econ.*, Dobbs Ferry, N. Y.  
 Lowry, John I., *Bio.*, Mont Alto, Pa.  
 Luck, Donald G., *Eng.*, Malverne, N. Y.  
 Luckenbill, Faye E., *P.E.*, Kutztown, Pa.  
 Lunn, Thomas A., *P.S.*, Barrington, N. J.  
 Lush, Henry W., *Econ.*, Galetton, Pa.  
 Lynch, Philip A., *S.S.*, Waterford Works, N. J.  
 McCabe, Harvey W., *Gr.*, Wynnwood, Pa.  
 McCallum, James A., Jr., *Psy.*, Baltimore, Md.  
 McCleary, Bruce R., *Econ.*, Chambersburg, Pa.  
 McComas, Ruth E., *Lat.*, Narberth, Pa.  
 McElfresh, Charles W., *Chem.*, Drexel Hill, Pa.  
 McKenrick, Theodore W., Jr., *Span.*, Gettysburg, Pa.  
 McMillen, Earl J., *Psy.*, Lewistown, Pa.  
 MacDonald, Lovelle R., *Bib.*, Gettysburg, Pa.  
 Macomber, Richard B., *Econ.*, Ambler, Pa.  
 Maguire, William M., *Hist.*, Philadelphia, Pa.  
 Mahon, Bruce A., *Hist.*, Philadelphia, Pa.  
 Mamula, Miles B., Jr., *Psy.*, Interlaken, N. J.  
 Martin, Ann M., *Eng.*, Honesdale, Pa.  
 Martin, John H., *Chem.*, Chambersburg, Pa.  
 Mey, Arlene R., *Bio.*, Bayonne, N. J.  
 Middleton, William, *P.S.*, Camp Hill, Pa.  
 Miller, Mark J., *Chem.*, Gettysburg, Pa.  
 Miller, Ronald C., *Hist.*, Harrisburg, Pa.  
 Mitchell, Nancy K., *P.E.*, Lykens, Pa.  
 Morehead, Barbara S., *Math.*, West Chester, Pa.  
 Morgenthaler, Joyce, *Econ.*, Camp Hill, Pa.  
 Morrison, Ernest, *Mus.*, Hagerstown, Md.  
 Moser, John H., *Econ.*, Brooklyn, N. Y.  
 Mowery, Samuel R., *Bio.*, New Cumberland, Pa.  
 Moyer, Richard D., *Eng.*, Vineland, N. J.  
 Muller, Edith, *S.S.*, Port Washington, N. Y.  
 Mumma, Grace A., *Econ.*, Mechanicsburg, Pa.  
 Myers, Barbara P., *Fr.*, Washington, D. C.  
 Myers, Nelson K., Jr., *Mus.*, Lancaster, Pa.  
 Neal, Anna L., *Mus.*, Chambersburg, Pa.  
 Nebel, Oliver A., *Econ.*, Palmyra, N. J.  
 Nell, Thomas E., *Phy.*, Harrisburg, Pa.  
 Oravec, Daniel, *Hist.*, Johnstown, Pa.  
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 Owen, John A., *Hist.*, York, Pa.  
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 Peery, Robert J., *Mus.*, Westfield, N. J.  
 Pence, George C., *Bio.*, Middletown, Pa.  
 Penniman, Nancy J., *Math.*, Winthrop, Me.  
 Penry, Edward B., *Psy.*, Scotch Plains, N. J.  
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 Rawlings, Juliet A., *Eng.*, Limerick, Pa.  
 Redles, Richard S., *Econ.*, Philadelphia, Pa.  
 Reiley, Leigh E., *Econ.*, Wynnwood, Pa.  
 Reilly, John J., *Math.*, Hillside, N. J.  
 Reinbrecht, Georgeanna D., *Hist.*, Haddonfield, N. J.  
 Rentschler, Walter R., *Econ.*, Athens, Pa.  
 Rhys, Merry E., *Psy.*, Forest Hills, N. Y.  
 Riedel, John F., *Hist.*, Linesville, Pa.  
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 Roberts, Haines L., *Econ.*, Haddonfield, N. J.  
 Robinson, John C., Jr., *Econ.*, Selinsgrove, Pa.  
 Rohrbach, Carroll G., Jr., *Hist.*, New Freedom, Pa.  
 Rooney, James J., Jr., *Econ.*, Mahanoy City, Pa.  
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 Rost, James A., *Econ.*, Red Lion, Pa.  
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 Sandt, Lois L., *S.S.*, Havertown, Pa.  
 Saner, Alfred J., *Hist.*, West New York, N. J.  
 Scheithauer, Howard W., *P.S.*, Mahanoy City, Pa.  
 Schreiber, John J., *Phy.*, Philadelphia, Pa.  
 Schunter, Nancy B., *S.S.*, Baltimore, Md.  
 Schwabenland, Carl, *Econ.*, Philadelphia, Pa.  
 Segel, Frank L., *S.S.*, Atlantic City, N. J.  
 Shaffer, Ellis U., *P.S.*, Harrisburg, Pa.  
 Shambaugh, Donald A., *Econ.*, Greensburg, Pa.  
 Shaulis, Samuel A., *P.E.*, Butler, Pa.  
 Sheets, Howard F., Jr., *Mus.*, Ocala, Fla.

- Sheffer, Ephraim C., *Fr.*, Spring Grove, Pa.  
 Sheppard, John C., Jr., *Econ.*, Pitman, N. J.  
 Shull, William R., *Econ.*, Hazleton, Pa.  
 Smart, Arthur M., *Econ.*, Vineland, N. J.  
 Smith, Peter C., *Econ.*, Andover, Mass.  
 Smith, Suzanne D., *Econ.*, Baltimore, Md.  
 Snyder, Benjamin C., *Econ.*, New Holland, Pa.  
 Snyder, Charles F., *Econ.*, York, Pa.  
 Sorrell, Robert J., *Econ.*, Kensington, Md.  
 Spangler, Daniel W., *Hist.*, York, Pa.  
 Stephens, Nancy A., *Bio.*, McConnellsburg, Pa.  
 Stroehmann, Marion E., *S.S.*, Williamsport, Pa.  
 Taylor, Joan E., *P.E.*, Malibu, Calif.  
 Ujobai, Joseph S., *Econ.*, Phoenixville, Pa.  
 Urgo, Richard L., *Hist.*, Hagerstown, Md.  
 Vierling, Frieda E., *Bio.*, Englewood, N. J.  
 Vliet, Robert E., *Bio.*, Westfield, N. J.  
 Wagner, Barbara C., *Fr.*, Baltimore, Md.  
 Wagner, Charles G., *Econ.*, Thorofare, N. J.  
 Walsh, Louise F., *S.S.*, Staten Island, N. Y.  
 Wantz, Earl B., *Hist.*, Westminster, Md.  
 Ward, Gerald A., *P.S.*, Pitman, N. J.  
 Warthling, Edward E., *Econ.*, Honesdale, Pa.  
 Weber, Albert L., *Psy.*, Cumberland, Md.  
 Weems, Donald B., Jr., *Bio.*, Wenonah, N. J.  
 Weikel, Patricia J., *Eng.*, Philadelphia, Pa.  
 Welliver, Walter R., *Econ.*, Bloomsburg, Pa.  
 Weyn, Adrian S., *Bio.*, Hagerstown, Md.  
 Whitecomb, Jack L., *Hist.*, York, Pa.  
 Whitehead, John S., *Econ.*, Williamsport, Pa.  
 Wigton, Lois Tabor, *Psy.*, Baltimore, Md.  
 Wiker, Edgar G., *Econ.*, Philadelphia, Pa.  
 Williams, Harry E., *Econ.*, Havertown, Pa.  
 Williams, Jay P. A., *Phy.*, Harrisburg, Pa.  
 Williams, John E., *Bio.*, Pittsburgh, Pa.  
 Winand, Earl E., *Chem.*, York, Pa.  
 Wingert, J. Robert, Jr., *Econ.*, Waynesboro, Pa.  
 Wishard, William N., *Phy.*, York, Pa.  
 Wolfe, Richard E., *Phy.*, Littlestown, Pa.  
 Yingling, Josephine A., *S.S.*, Hagerstown, Md.  
 Yingling, Judith L., *S.S.*, Hagerstown, Md.  
 Young, George M., *Bio.*, Harrisburg, Pa.  
 Yuzuk, Ronald P., *Psy.*, Palisade, N. J.  
 Zerby, Donald E., *Math.*, Millersburg, Pa.

## Juniors, Class of 1955

- Adams, Raymond E., *Bio.*, Trenton, N. J.  
 Alexander, Ronald S., *Econ.*, Willow Hill, Pa.  
 Alling, Barbara R., *Econ.*, Clayton, N. J.  
 Alspach, Glenn H., *Math.*, Annville, Pa.  
 Anderson, Edward M., *S.S.*, New City, N. Y.  
 Ansel, Richard K., *Bio.*, Baltimore, Md.  
 Antonell, Walter J., *Econ.*, Teaneck, N. J.  
 Atkinson, Donald C., *Chem.*, Audubon, N. J.  
 Audrins, Arija, *Bio.*, Baltimore, Md.  
 Augustine, John D., *Econ.*, Gettysburg, Pa.  
 Ayres, Richard W., *Econ.*, Wilmington, Del.  
 Bair, Ronald A., *Chem.*, Harrisburg, Pa.  
 Baker, Richard C., *S.S.*, Kittanning, Pa.  
 Bannon, William L., *Econ.*, Lewistown, Pa.  
 Barber, Milton C., Jr., *Econ.*, Moorestown, N. J.  
 Bardenheuer, Leo, *Econ.*, Arlington, Va.  
 Bargmann, Henry J., *Econ.*, Cuyahoga Falls, Ohio.  
 Bauersfeld, John C. W., *Bio.*, Chevy Chase, Md.  
 Beaver, Robert H., *Hist.*, Lebanon, Pa.  
 Beck, Carl E., *Psy.*, Pittsburgh, Pa.  
 Beck, Joan M., *Eng.*, York, Pa.  
 Beimler, Richard P., *Chem.*, Yonkers, N. Y.  
 Berger, Barbara A., *Hist.*, Upper Darby, Pa.  
 Berger, Phyllis E., *S.S.*, Lansdale, Pa.  
 Betz, Frank H., III, *Econ.*, Westfield, N. J.  
 Black, Barbara M., *Psy.*, Wilmington, Del.  
 Boyer, Gertrude P. S., *Roselle*, N. J.  
 Bracken, Thomas J., *Econ.*, Philadelphia, Pa.  
 Brake, Donald C., *Hist.*, Washington, D. C.  
 Brazenor, Robert G., Jr., *Chem.*, Union, N. J.  
 Brennan, Patricia A., *Fr. and Sp.*, Cheltenham, Pa.  
 Brown, Ainsworth H., *P.S.*, Silver Spring, Md.  
 Brubaker, Richard I., *Eng.*, Media, Pa.  
 Bucher, Gary L., *Math.*, Biglerville, Pa.  
 Buck, Ann L., *P.E.*, Arlington, Va.  
 Buddemeyer, Edward U., *Chem.*, Baltimore, Md.  
 Bunt, Thomas F., *Econ.*, McSherrystown, Pa.  
 Burdan, Harrie G., *Econ.*, Pottstown, Pa.  
 Burke, John J., Jr., *Econ.*, Paulsboro, N. J.  
 Buttler, Lorraine S., Jr., *Econ.*, Haddonfield, N. J.  
 Chernansky, Vera J., *Eng.*, Irving, N. J.  
 Chubb, David M., *Econ.*, Upper Darby, Pa.  
 Clare, Henry E., *Bio.*, Paoli, Pa.  
 Clarke, Eleanor D., *Eng.*, Gettysburg, Pa.  
 Clarke, John R., *Bib.*, Lewistown, Pa.  
 Cooley, C. Edward, *Econ.*, Philadelphia, Pa.  
 Coull, Curtis E., *P.E.*, Norristown, Pa.  
 Coulson, Elizabeth A., *Psy.*, Havertown, Pa.  
 Covey, Charles A., *Econ.*, Silver Spring, Md.  
 Crane, Patricia, *Psy.*, Brooklyn, N. Y.  
 Creasy, Robert R., *Econ.*, North Woods, Pa.  
 Crowl, Janet L., *Span.*, York, Pa.  
 Davis, Alice M., *P.E.*, York, Pa.  
 Diemer, Nancy A., *Psy. and Span.*, Philadelphia, Pa.  
 Duka, Michael, *P.E.*, Green Lane, Pa.  
 Eckman, Lester W., *P.E.*, Coatesville, Pa.  
 Eisenhart, Mary J., *Hist.*, Woodbury, N. J.  
 Eisenhart, Tillie M., *S.S.*, York, Pa.  
 Ely, Donald J., *P.S.*, Baltimore, Md.  
 Engle, John W., Jr., *Econ.*, Merchantville, N. J.  
 Eppleman, Robert G., *Econ.*, Gloucester City, N. J.  
 Evans, George W., Jr., *Bib.*, Columbia, Pa.  
 Fackler, Martin L., Jr., *Chem.*, York, Pa.  
 Faul, John S., *Bio.*, Steelton, Pa.

- Fearer, William R., *Eng., Cumberland, Md.*  
 Feeser, Virginia A., *Eng., Harrisburg, Pa.*  
 Feit, Martin D., *Bio., Brooklyn, N. Y.*  
 Ferren, Edwin T., III, *Eng., Merchantville, N. J.*  
 Filbert, Frederic J., *P.S., Auburn, Pa.*  
 Finlay, Robert H., *Mus., Ridgewood, N. J.*  
 Finnegan, Robert S., *Math., Peekskill, N. Y.*  
 Fireoed, Donald W., *Econ., Springfield, Del. Co., Pa.*  
 Fox, Bruce J., *Econ., Poughkeepsie, N. Y.*  
 Frankenfield, Anna M., *Hist., Glenside, Pa.*  
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- Fetrow, David E., *Mechanicsburg, Pa.*  
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 Winneberger, Lois E., *Econ.*, *Margate City, N. J.*  
 Wivel, William B., *Ridley Park, Pa.*  
 Wolfe, Jean A., *Eng.*, *New Haven, Conn.*  
 Wolyniec, Frank P., Jr., *Chem.*, *Williamsport, Pa.*  
 Wurst, Richard S., *Econ.*, *Philadelphia, Pa.*
- Yoder, Carolyn J., *Mus.*, *Pitman, N. J.*  
 Young, Samuel H., *Chem.*, *Hagerstown, Md.*
- Zeigler, John, *Econ.*, *Nutley, N. J.*  
 Ziegler, Suzanne E., *Gettysburg, Pa.*  
 Zoerbel, Eleanor E., *Ger.*, *Garfield, N. J.*  
 Zulick, Jeannette S., *Span.*, *Cranford, N. J.*  
 Zwicker, Elizabeth, *Kingston, Mass.*

## *Students Attending the 1953 Summer Session*

- Aldstadt, Robert H., *Woodber, Pa.*  
 Alexander, Ethel, *Baltimore 31, Md.*  
 Armstrong, Frank, Jr., *Harrisburg, Pa.*  
 Armstrong, Peter, *Carlisle, Pa.*  
 Attig, Barry, *York, Pa.*  
 Aubrey, K. Louise, *Waynesboro, Pa.*
- Bacheller, Babette B., *Short Hills, N. J.*  
 Bair, Ronald, *Harrisburg, Pa.*  
 Bardenheuer, Leo, *Arlington, Va.*  
 Basehore, John W., *Gettysburg, Pa.*  
 Beaver, Donald A., *Hagerstown, Md.*  
 Beck, Joan M., *York, Pa.*  
 Belk, M. Leonard, *Merchantville 9, N. J.*  
 Bender, Nancy A., *Gettysburg, Pa.*  
 Beyrent, John, *Steelton, Pa.*  
 Binns, Barbara, *Philadelphia 18, Pa.*  
 Blegen, Roger, *Washington 20, D. C.*  
 Border, Gladys, *Hanover, Pa.*  
 Bowman, Joseph R., *Millersburg, Pa.*  
 Bowman, Kenneth, *Palmyra, Pa.*  
 Brettschneider, Joan, *Baltimore 6, Md.*  
 Brown, Robert, *Pittsburgh 27, Pa.*  
 Bush, Donald, Jr., *West Orange, N. J.*  
 Bushey, Patricia K., *Gettysburg, Pa.*
- Campanaro, Barbara, *Gettysburg, Pa.*  
 Chelton, William R., *Baltimore, Md.*  
 Clare, Henry E., *Paoli, Pa.*  
 Coates, Alan B., *Easton, Md.*  
 Comery, Alan, *Ridgewood, N. J.*  
 Cook, Charles, *Aspers, Pa.*  
 Cooper, Edward, *Brooklyn, N. Y.*  
 Corcoran, William, *Harrisburg, Pa.*  
 Craver, Douglas, *Lexington, N. C.*  
 Cropp, Jack, *Warren, Pa.*
- Danfelt, Edwin D., *Hagerstown, Md.*  
 Delgadillo, Jaime, *Bogota, Colombia, S. A.*
- Desvernine, Richard T., *North Plainfield, N. J.*  
 DeVries, Robert O., *Altoona, Pa.*  
 Dietze, Robert J., *Verona, N. J.*  
 Dougherty, Bryon K., Jr., *Collingswood, N. J.*
- Ebersole, Edward W., *High Spire, Pa.*  
 Eckert, Arthur, *Hanover, Pa.*  
 Eisenhardt, M. Jane, *Woodbury, N. J.*  
 Eisenhart, Tillie, *York, Pa.*  
 Ely, Donald, *Baltimore 15, Md.*  
 Evans, Bernard, *Steelton, Pa.*  
 Eyster, Allan, *York, Pa.*
- Faulkner, John, Jr., *Nyack, N. Y.*  
 Finlay, Robert, *Ridgewood, N. J.*  
 Flaws, David, *Fair Lawn, N. J.*  
 Forbes, William F., *Conyngham, Pa.*  
 Foster, Bruce C., *Merchantville 8, N. J.*  
 Frankenfield, Anna, *Glenside, Pa.*  
 Franz, Robert, *Philadelphia, Pa.*  
 Freilich, Marilyn, *Hanover, Pa.*  
 Friedrich, Charles, *Haddonfield, N. J.*  
 Fritchey, Margaret, *Harrisburg, Pa.*
- Garrett, Philip, *Hanover, Pa.*  
 Garris, Lester, Jr., *Gettysburg, Pa.*  
 Geesaman, Frank, *Waynesboro, Pa.*  
 Gillis, Alfred G., Jr., *Merchantville, N. J.*  
 Gitt, William, *Hanover, Pa.*  
 Glaser, Joan, *Hillside, N. J.*  
 Goebner, Richard, *Carlisle, Pa.*  
 Greth, Carl, *Hamburg, Pa.*  
 Griesel, Donald, *New York 56, N. Y.*  
 Griffith, John, *Ligonier, Pa.*
- Hageman, Kenneth, *Harrisburg, Pa.*  
 Hafner, William, *Hempstead, N. Y.*

Harrop, Warren, *Ardmore, Pa.*  
 Hartman, Nelle, *Gettysburg, Pa.*  
 Hawbecker, Paul, *Camp Hill, Pa.*  
 Hazen, Joseph, *Silver Spring, Md.*  
 Henning, Edward, *Flushing, N. Y.*  
 Herz, Gerald, *New York 55, N. Y.*  
 Hirt, Arthur, *Gettysburg, Pa.*  
 Hoffman, Barbara, *Bronx 68, N. Y.*  
 Hoke, Richard, *Hanover, Pa.*  
 Hollenbaugh, Earl, *Carlisle, Pa.*  
 Howard, Dianne, *Carlisle, Pa.*  
 Hunsberger, R. Bailey, *Collegeville, Pa.*

Johnson, Elmer, *Hopkinton, Iowa*  
 Jones, Glenwood, *Dundalk 22, Md.*  
 Jones, William, III, *Merchantville, N. J.*

Katz, Robert, *Brooklyn 12, N. Y.*  
 Keers, William, *Sharon Hill, Pa.*  
 Keller, John H., *Schlagrove, Pa.*  
 Kelly, John, *Paoli, Pa.*  
 Kinsey, Glenn, *Reading, Pa.*  
 Knisely, William N., *Harrisburg, Pa.*  
 Kohr, Robert, *Lebanon, Pa.*  
 Kolz, Alan, *Fair Lawn, N. J.*  
 Kuziak, John, *Danville, Pa.*

Lamson, John, *Howard Beach 14, N. Y.*  
 Lehr, William, *Chevy Chase, Md.*  
 Leinhardt, Franklyn, *Hanover, Pa.*  
 Leister, Glenn, *Hanover, Pa.*  
 Lescalleet, Thomas, *Frederick, Md.*  
 LeVan, Susanne, *Gettysburg, Pa.*  
 Lighter, Susan, *Gettysburg, Pa.*  
 Losee, Dwight B., *Dobbs Ferry, N. Y.*

McCauley, Clarence, *West Newton, Pa.*  
 McComas, Ruth, *Narberth, Pa.*  
 McConnell, Stephen, *Philadelphia 28, Pa.*  
 McCullough, Albert, *Clearfield, Pa.*  
 McKenrick, Ted, *Gettysburg, Pa.*  
 McMullan, Richard, *Harrisburg, Pa.*  
 MacDonald, Lovelle, *Collegeville, Pa.*  
 Mahtani, Pushpa, *Medan, Indonesia.*  
 Marks, William, *Danville, Pa.*  
 Masland, Martha, *Carlisle, Pa.*  
 Masland, Edward, *Carlisle, Pa.*  
 Mayes, Donald, *Burnham, Pa.*  
 Millar, William, *New Oxford, Pa.*  
 Miller, Allison, Jr., *Kingston, Pa.*  
 Miller, Mark, *Gettysburg, Pa.*  
 Miller, Ronald, *Harrisburg, Pa.*  
 Morgan, David, *York, Pa.*  
 Morgenthaler, Joyce, *Camp Hill, Pa.*  
 Morrison, Ernest, *Hagerstown, Md.*  
 Moser, John, *Brooklyn, N. Y.*  
 Myers, Alfred N., *Westminster, Md.*

Newman, Grace, *Fairfield, Pa.*  
 Nightingale, Jack, *Garden City, N. Y.*  
 Noll, Thomas, *Harrisburg, Pa.*

Ochshorn, Mark, *Forest Hill, N. Y.*  
 Oliver, John, *Lockport, N. Y.*  
 O'Malley, John, *Odenton, Md.*  
 Oravec, Daniel, *Johnstown, Pa.*

Packer, Emmett E., Jr., *Harrisburg, Pa.*  
 Paulin, Edward, *Wilmington, Del.*  
 Perrotto, Salvator, *Reading, Pa.*  
 Polity, Richard, *Teaneck, N. J.*  
 Prevost, Jules, *Wayne, Pa.*

Quick, John, *New Cumberland, Pa.*

Redles, Richard, *Philadelphia 19, Pa.*  
 Reighard, Dale A., *Bedford, Pa.*  
 Rhode, Clifford, *Nanuet, N. Y.*  
 Rhys, Merry, *Forest Hills, N. Y.*  
 Richards, Joan L., *Hanover, Pa.*  
 Richter, Raoul, *Hanover, Pa.*  
 Rieck, William H., *Millville, N. J.*  
 Riedel, John F., *Linesville, Pa.*  
 Ringle, Harold, *Somerset, Pa.*  
 Rogers, Clifford, *Havertown, Pa.*  
 Rosenbaum, Irwin, *Brooklyn 26, N. Y.*  
 Roth, Donald, *Altoona, Pa.*

Schwering, Virginia, *Bethlehem, Pa.*  
 Seidman, Jerry, *Newburgh, N. Y.*  
 Shakun, Richard, *Brooklyn, N. Y.*  
 Shearer, Mary, *Philadelphia 19, Pa.*  
 Sheen, James, *Philadelphia 18, Pa.*  
 Sheffer, Ellis, *Harrisburg, Pa.*  
 Sheffer, Ephraim, *Spring Grove, Pa.*  
 Shenton, John, *York, Pa.*  
 Shetter, James, *East Berlin, Pa.*  
 Shinholt, James, *Carlisle, Pa.*  
 Sholly, Arlene, *Myerstown, Pa.*  
 Shull, Samuel, *York, Pa.*  
 Silberstein, Charles E., *Baltimore 15, Md.*  
 Smith, Carolyn E., *Hanover, Pa.*  
 Smith, Vincent, *Hagerstown, Md.*  
 Snook, Richard, *Clearwater, Fla.*  
 Starinchuk, John, Jr., *Rutherford, N. J.*  
 Stayer, Anne, *Mt. Holly Springs, Pa.*  
 Steinbach, William, *Norristown, Pa.*  
 Stoner, John, *Mercersburg, Pa.*  
 Sulouff, Nelson, *Northumberland, Pa.*  
 Swigert, J. Kirk, *Carlisle, Pa.*  
 Szakats, Paul, *Carlisle, Pa.*

Tomlinson, Allen, *East Greenville, Pa.*  
 Teeter, Nancy, *Gettysburg, Pa.*  
 Town, Joan, *Camp Hill, Pa.*  
 Turnbull, Edwin, *Baltimore 18, Md.*

Ujbai, Joseph, *Phoenixville, Pa.*

Votens, Barbara, *New York 66, N. Y.*

Walthour, William, *Greensburg, Pa.*  
 Wantz, Earl, *Westminster, Md.*  
 Watkin, Richard, *Haddonfield, N. J.*  
 Weems, Don, Jr., *Wenonah, N. J.*  
 Weiland, Nancy, *Gettysburg, Pa.*  
 Weitzel, William, *Harrisburg, Pa.*  
 White, John, *Arendtville, Pa.*  
 Whitehead, John, *Williamsport, Pa.*  
 Williams, Helen, *Gettysburg, Pa.*  
 Williams, John C., *Gettysburg, Pa.*  
 Williams, John E., *Pittsburgh 12, Pa.*  
 Williams, Nina J., *Gettysburg, Pa.*  
 Winand, Earl, *York, Pa.*  
 Wintrade, Helen, *Littlestown, Pa.*  
 Wise, Darrow, *Wilmington 3, Del.*  
 Wishard, William, *York, Pa.*  
 Wolf, Marvin, *Forest Hills, N. Y.*

Yohe, Donald, *York, Pa.*  
 Young, George, *Harrisburg, Pa.*  
 Yuengling, Frederick, Jr., *Pottsville, Pa.*

Zaccano, Joseph, Jr., *Paxtang, Pa.*  
 Ziegler, Philip, *Carlisle, Pa.*

## *Students Not Candidates for a Degree*

Eleanore Bidka  
 Jay Paul Brown  
 Charles Dashnaw  
 Charles Davis  
 Mrs. Mark Eckert  
 Donald Evins  
 Mary Harsch  
 Mrs. Rachel Heldt  
 Elmer James Johnson  
 Anne Korte  
 Joy Mara

Eloise Mason  
 Dunbar Meek  
 Harold Motter  
 Georgene Orth  
 Rita Rost  
 Susan Schubart  
 Phyllis Smith  
 Mary Jane Svarnas  
 Mary Jo Tawney  
 Loyse Waltman  
 Mrs. John Zinn

## *Post Graduate Students 1953-54*

Robert Bowers  
 Charles Liebeknecht

Anderson O'Day  
 James Soden

## *Summary*

### *Students in College First Semester 1953-54*

	MEN	WOMEN	TOTAL
Seniors	189	65	254
Juniors	193	53	246
Sophomores	255	68	323
Freshmen	261	96	357
Special Students	11	15	26
	909	297	1,206

## *Geographical Distribution of Students*

STATE	STUDENTS
Pennsylvania	684
New Jersey	240
New York	124
Maryland	95
Washington, D. C.	12
Other States	51

# Commencement 1953

June 7

Commencement Speaker

William West Tomlinson

## Bachelor of Arts

### Magna Cum Laude

Margaret Alice Carr  
Gladys Louise Hicks  
Frederick Harry Segner  
Jean Carolyn Sloop  
Albert Miller Stock  
Betty Jean Stockwell  
Glenn Robert Weiland

### Cum Laude

Russell Donald Charles  
\*\*Robert Clement Crawford  
Pauline Ann Dale  
David Codrington Hamme  
Dorothy Lucile Jordan  
Howard Woodrow Smith  
Helen-Ann Souder  
\*Rose Marie Swisher  
Jeanne Frances Waltemyer

### Rite

Barbara Ann Aierstock  
Robert Osterhoudt Alenson  
Walter Edward Arndt  
Alexander William Astin  
\*John Henry Smith Austin  
Theodore Flynn Ayers  
Glenn Laverne Baughman  
Charles Walter Baumgart  
Mary Ellen Belles  
Joan Eleanor Berger  
Raymond Harold Birkel  
Rodman Erle Boeckel  
Mary Anna Book  
Barbara Hake Bott  
Donald Austin Boughter  
Jane LaRue Bowers  
Paula Lou Braden  
\*Shirley Ann Brockmann  
Edward Russel Brownley  
Robert Thayer Brumagin  
Charles Anthony Bublin  
John Christopher Byrne  
\*\*Fern Louise Carr  
Harold Richard Carr, Jr.  
Charles Gilbert Cavey, Jr.  
Richard George Civil  
\*\*Dale Eugene Clark  
Voris Chester Clark  
Stanley Bruce Constantian  
Charles Arthur Cook

\*\*Eugene George Cooper  
\*\*Pierce Firman T. Evans  
\*\*William Walter Ewing  
Eleanor Gertrude Cranmer  
Chester Charles Creutzburg  
Emil Arthur Creutzburg, III  
Anne Carol Crock  
Paul Henry Cummings  
Donald LaRoy Cunningham  
\*\*Charlotte Fell Darlington  
Charles Alfred Davis  
Will Anthony Deisroth  
Robert Stanley Detwiler, Jr.  
Charles Frederick DeWaele  
Philip James Dolson  
Joseph William Dooley  
William Lee Earp, II  
Robert Gronau Ehrman  
John David Evans  
Donald Strickner Faust  
Henry Dietrich Fick  
Brian Hunter FitzPatrick  
Janet Catherine Flinsbach  
John Maynard Flood  
Ann Foose  
Milton George Forry, Jr.  
Franklin Raymond Forte  
\*Jacob Frank Frain  
\*George Frederick Francis  
Carmen Miriam Franco  
Robert Lee Fry  
William Elwood Fudge  
James Julius Funk, II  
Edward Fuorry  
Eugene Austin Gardner  
Richard William Garman  
\*Thomas Preston Geary, III  
Ira Lee Geiselman, II  
Kenneth Bishop George, Jr.  
\*Reed Cutler Gerard  
\*Virginia Alice Gilmore  
John Adams Grant  
Frank Thomas Grasso, Jr.  
Henry Milton Greybill  
Howard Judson Griffiths  
\*Philip Allen Guy  
Thomas Richardson Haddock  
Kenneth Wayne Hagy  
Harry Frederic Hamer, Jr.  
Leander Guy Hamme  
James William Hammond  
George Edward Haney, Jr.  
Robert Rogers Harris

\*Completed requirements August 29, 1952

\*\*Completed requirements January 28, 1953

- Mary Harsch  
 \*Anna Lorraine Hartman  
 Joseph Herbert Hemler  
 James Ellsworth Henneberger  
 Elsa Margaret Hennig  
 James Edmund Herbst  
 Alan Harold Hershberger  
 \*\*Boyd Groff Hess  
 Joseph Brubaker Hess  
 Russell Bright Hess  
 Wheeler Herdman Hess, Jr.  
 Robert Elwood Hollinger  
 Richard Henry Horn  
 Robert LeRoy Hosking  
 \*\*Harold Harry Hossfeld  
 George Henry Hott, Jr.  
 Robert Eugene Hottle  
 William Krise Householder  
 Paul Edward Huffman  
 \*\*Charles Albert Keech  
 Frank John Keenan, Jr.  
 Patricia Ann Keener  
 William Brown Kelley  
 \*\*Dorothy Jean Kellow  
 Richard Joseph Kenyon  
 Dale Fred Kleinfelter  
 Eugene Russell Kline  
 Richard Paul Kling  
 \*\*Albert Stanton Knoettner  
 Ralph Jacob Knoll, Jr.  
 Roy Allan Knudsen  
 \*Harry John Koch  
 \*Andrew Peter Kordalewski  
 James Finley Kretschmann  
 Robert Harvey Kulp  
 Walter Robert Kurz  
 Donald Anthony Landolfi  
 George Washington LaRoza, Jr.  
 Ray Stanley Lauer  
 \*Philip Pryor Leadbetter  
 Louise Roberta Lear  
 Richard Frederick Leisman  
 Richard Edwin Lippert  
 Richard Alexander Little, Jr.  
 \*\*Richard Carol Lloyd  
 \*Brewster Lecervin Locke  
 John Wert Loomis  
 Margaret Matilda Luebke  
 Henry Ernst Lincoln Luhrs  
 Jack Edwin Lundstedt  
 Rueth Joan McCartney  
 Betty Chloe McCombs  
 Frank Borden McElmoyl, Jr.  
 Bruce Eagleson McKay  
 \*James Malcolm MacDonald  
 \*\*Eleanor Marie Mangels  
 Robert Tyson Manley  
 Henry Mann, III  
 Alfred Richard Marcks, Jr.  
 Ralph Bryant Mason, Jr.  
 \*\*William George Mateer  
 JoAnn Rose Mathias  
 \*Herbert George May  
 Jordan Ronald Mencher  
 William Earle Miles, Jr.  
 George Andrew Miller, Jr.  
 \*\*John Malcolm Miller  
 Robert Guthrie Moore  
 Marilyn Ann Moser  
 Thomas Joseph Naughton  
 Dorothy Janelle Naylor  
 Edwin Bruce Naylor  
 \*\*Sonia Margaret Newlyn  
 Charles Raymond Nicholas  
 Claude Edward Noel  
 Maynard Sampson Northrup, Jr.  
 George Daniel Null  
 Georgia Marie Oswald  
 \*\*Kenneth Leroy Owings  
 Patricia Ann Oyler  
 Ellen Noel Parker  
 Florence Elizabeth Paul  
 Robert Kent Peeling  
 Willis Charles Picking  
 Robert Albert Pizolato  
 Hubert Kimberly Poole  
 Glenn Arthur Reed  
 Ray Richard Reider  
 \*\*Frederic Grant Reifschneider  
 Frederick Shank Rice  
 Richard Bruce Riefler  
 John Jarvis Robinson, Jr.  
 Charlotte Louise Rogers  
 Louis Victor Rogers  
 Vincent Francis Rossetti  
 Alexander Thomas Rowland  
 William Harold Rutherford, Jr.  
 Francis John Salvato  
 Charles Merle Sanders, Jr.  
 Donald Frederick Sause  
 William Frederick Schafer  
 Frederick Joseph Schmitt, III  
 Walter Herman Schumann  
 Donald Slater Schwartz  
 William Carroll Sechrist, Jr.  
 \*\*Marie Louise Seebade  
 \*William Glenn Segraves  
 Robert Craig Sellers  
 \*George Clark Shaffer  
 Jack Edwin Shaffer  
 \*Wayne Eugene Shaffer  
 \*\*Edwin Paul Sharo  
 Phyllis Suzanne Shearer  
 James William Sheehan  
 John Burns Shenton  
 Harry LeRoy Shultz, Jr.  
 William Raymond Siegart  
 Joann Shelley Sierer  
 June Bergen Simonton  
 Thomas Frederick Moore Sinn  
 Michael Slepkin  
 Barbara Mae Slothower  
 Curvin Carl Smith  
 \*Howard Philip Smith  
 Glenwood Thaddeus Solomon  
 James Blaine Spangler  
 \*Sheldon Case St. Clair  
 Robert Lewis Stambaugh  
 William Alfred Stecher  
 Donald Eugene Sterner  
 Joseph Alexander Stevenson  
 William Charles Storch  
 Jack Edward Stouffer  
 \*Dean Scott Stultz  
 Jeanne Dorothy Swindells  
 Joseph Bradley Taylor  
 Boyd Edwin Thomas  
 \*\*Charles Daniel Thomas  
 James Reber Thomas  
 Nevin Jay Trout  
 Arthur Gilbert Trudeau, Jr.  
 \*\*William Joseph Vignola  
 Alexander Paul von Schlichten  
 Carl Donald Wanamaker  
 Eugene Curtis Ward  
 Alan Bruce Washburn  
 Nancy Baker Weiland  
 \*Nancy Lee Wertman  
 James Bailey Wharton  
 Richard Dana Whetstone  
 John Bacon Whitaker  
 Susan Frances White  
 Nancy Bauman Wiand  
 Robert James Wigton, Jr.

\*Completed requirements August 29, 1952

\*\*Completed requirements January 28, 1953

John Alfred Willey  
Donald David Williams  
Harry Daniel Williams  
Nina June Williams  
Henry Karl Wohlgenuth  
Donald Edward Woods

*Valedictorian*  
Frederick Harry Segner

*Salutatorian*  
Albert Miller Stock

*Highest Class Honors*  
Senior  
Margaret Alice Carr  
Frederick Harry Segner  
Nina June Williams

*Class Honors*  
Senior  
Russell Donald Charles  
Eugene Austin Gardner  
Virginia Alice Gilmore  
David Codrington Hamme  
Andrew Peter Kordalewski  
William George Mateer  
Thomas Joseph Naughton  
George Daniel Null  
Willis Charles Picking  
Alexander Thomas Rowland  
Phyllis Suzanne Shearer  
Joann Shelley Sierer  
June Bergen Simonton  
Jean Carolyn Sloop  
Curvin Carl Smith  
Howard Woodrow Smith  
Albert Miller Stock  
Betty Jean Stockwell  
Rose Marie Swisher  
Jeanne Frances Waltemyer  
Glenn Robert Weiland

*Highest Class Honors*  
Junior  
William Herbert Clement  
Faye Elsa Lookenbill  
Earl Rudisill Humbert  
Gladys Arlene Weirick Owen  
Don Franklin Ryder, Jr.

*Class Honors*  
Junior  
Winona Jane Drennen  
Sylvia Ann Flickinger  
Jean Louise Franz  
Robert Michael Gemmill  
Carl Fester Greth  
Jacquelyn May Harvey  
William Watkin Jones, III  
Robert John Knopf  
Thomas Aaron Lunn  
Ann Munro Martin  
Nancy Joan Penniman  
Anita Holmsten Samuelsen  
Patricia Joanne Weikel  
Adrian Saltzman Weyn  
Richard Edgar Wolfe

*Highest Class Honors*  
Sophomore  
Phyllis Eleanor Berger

*Class Honors*  
Sophomore

Patricia Crane  
Alice May Davis  
Nancy Adelaide Diemer  
Martin Luther Fackler, Jr.  
Cynthia A. Frolen  
Joseph Samuel Georgiana  
Joanne Louise Hill  
James Thomas Howard, Jr.  
William Gerard Laurita  
Harriet Ann Lenzing  
Edward Alfred Livingston  
Robert Frank Matthias  
James Francis Megee  
Colin Franklin Neuhaus  
Francis Vincent Scalzi  
Mary Jane Stackowski  
Henrietta Wilhelmina Velecky  
Marjorie Arlene Worth

*Class Honors*  
Freshman  
Robert Paul Endriss  
Abigail Elizabeth Irvin  
Donald Clifford Kleinfelter  
Marilyn Lucille Kreider  
Ralph Frederick Kurtz  
John William McGaughy  
Louis Guy Mehl  
Jane Arlene Naylor  
Samuel Alan Ruby  
Rebecca Jane Stracener  
David Howard Weaner

*Departmental Final Honors*  
In Bible  
Frederick Harry Segner  
Thomas Frederick Moore Sinn  
In Biology  
Nina June Williams  
In Chemistry  
Albert Miller Stock  
In English  
Margaret Alice Carr  
In French  
Rose Marie Swisher

In Mathematics  
David Codrington Hamme  
Gladys Louise Hicks  
In Music  
Jean Carolyn Sloop  
In Spanish  
Carmen Miriam Franco

*Seniors Elected to Phi Beta Kappa*  
Margaret Alice Carr  
John Adams Grant  
Gladys Louise Hicks  
Dorothy Lucile Jordan  
Frederick Harry Segner  
Joann Shelley Sierer  
Thomas Frederick Moore Sinn  
Jean Carolyn Sloop  
Albert Miller Stock  
Betty Jean Stockwell

Rose Marie Swisher  
Jeanne Frances Waltemyer  
Glenn Robert Weiland  
Nina June Williams

*Seniors in Gettysburg Honor Society*

Alexander William Astin  
Russell Donald Charles  
Pauline Ann Dale  
David Codrington Hamme  
Gladys Louise Hicks  
Dale Fred Kleinfelter  
Alfred Richard Marcks, Jr.  
Betty Chloe McCombs  
Georgia Marie Oswald  
Thomas Joseph Naughton  
Robert Albert Pizolato  
Phyllis Suzanne Shearer  
Joann Shelley Sierer  
Harry LeRoy Shultz, Jr.  
Jean Carolyn Sloop  
Barbara Mae Slothower  
Helen-Ann Souder  
Arthur Gilbert Trudeau, Jr.  
Nancy Baker Weiland  
Glenn Robert Weiland  
Jeanne Frances Waltemyer

*Air Force Association Prize*

Alfred Richard Marcks, Jr.

*Association of the United States  
Army Prize*

Donald Franklin Ryder, Jr.

*Baum Mathematical Prize*

James Francis Megee  
With Honorable Mention  
Francis Vincent Scalzi

*Beachem Award*

Alan Harold Hershberger  
Robert Albert Pizolato

*Chi Omega Social Science Award*

Joann Shelley Sierer

*Class of 1916 Prize*

William Edward Hershey

*Delta Gamma Alumnae Association Award*

Winona Jane Drennen  
Nancy Joan Penniman

*Delta Phi Alpha Prize*

Dorothy Lucile Jordan

*Garver Greek Prize*

Charles Edwin Leps  
With Honorable Mention  
Eugene Frederick Irschick

*Garver Latin Prize*

Bertram Avis

*George R. Miller Memorial Award*

Harold Myers Raffensperger

*Hamme Award*

Daniel Oravec

*Hanson Award*

Jean Carolyn Sloop

*Hassler Latin Prize*

Patricia Joanne Weikel

*Lutheran Brotherhood Award*

Patricia Ann Heckman

*Military Memorial Prize*

Russell Donald Charles

*Moore Award*

David Codrington Hamme  
Jean Carolyn Sloop

*Muhlenberg Freshman Prize*

John Henry Witmer

*Nicholas Bible Prize*

Frederick Harry Segner

*Phi Sigma Iota Prize*

Joann Shelley Sierer  
Helen-Ann Souder

*Sceptical Chymists Prize*

Martin Luther Fackler, Jr.

*Stine Chemistry Prize*

Albert Miller Stock

*Weaver Scholarship Foundation*

Frank John Keenan, Jr.

*Zimmerman Senior Prize*

Jeanne Frances Waltemyer

*United States Army Commissions*

Commissioned as Second Lieutenants in the Organized Reserve Corps,  
Army of the United States

- |  |   |
|--|---|
| <p>**Walter E. Arndt<br/>         **Theodore F. Ayers<br/>         Glenn L. Baughman<br/>         Joseph R. Bowman<br/>         Harold R. Carr<br/>         Russell D. Charles<br/>         Chester C. Creutzburg<br/>         *†Joseph W. Dooley<br/>         John D. Evans<br/>         †William E. Fudge<br/>         Eugene A. Gardner<br/>         Richard W. Garman<br/>         David C. Hamme<br/>         William K. Householder<br/>         *†Frank J. Keenan, Jr.<br/>         **William B. Kelley<br/>         *Ronald R. Kick<br/>         †Eugene R. Kline<br/>         *Roy A. Knudsen</p> | <p>Richard E. Lippert<br/>         John W. Loomis<br/>         **Frank B. McElmoyl, Jr.<br/>         †Robert G. Moore<br/>         Howard B. Pettit<br/>         †Frederick S. Rice<br/>         **Richard B. Riefler<br/>         †Charles M. Sanders, Jr.<br/>         James Sheehan<br/>         William R. Siegart<br/>         Curvin C. Smith<br/>         Albert M. Stock<br/>         Richard F. Tommason<br/>         *Arthur G. Trudeau, Jr.<br/>         *Alan B. Washburn<br/>         Glenn R. Weiland<br/>         James B. Wharton<br/>         *Robert J. Wigton, Jr.<br/>         John A. Willey</p> |
|--|---|

*United States Air Force Commissions*

Commissioned as Second Lieutenants in the United States Air Force Reserve

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|---|--|
| <p>Robert O. Alenson<br/>         Raymond H. Birkel<br/>         Rodman E. Boeckel<br/>         Robert T. Brumagin<br/>         Paul H. Cummings<br/>         Robert S. Detwiler, Jr.<br/>         *William L. Earp<br/>         Donald S. Faust<br/>         Milton G. Forry, Jr.<br/>         †Frank T. Grasso<br/>         Kenneth W. Hagy<br/>         Robert R. Harris<br/>         *Alan H. Hershberger<br/>         †Russell B. Hess<br/>         Wheeler H. Hess, Jr.<br/>         †Richard H. Horn<br/>         Richard J. Kenyon<br/>         Ralph J. Knoll, Jr.<br/>         Walter R. Kurz<br/>         Richard F. Leisman</p> | <p>*Henry E. L. Luhrs<br/>         Jack E. Lundstedt<br/>         †Robert T. Manley<br/>         *Alfred R. Marcks, Jr.<br/>         Ralph B. Mason<br/>         Bruce E. McKay<br/>         William E. Miles, Jr.<br/>         †Charles B. Nicholas<br/>         *Robert A. Pizolato<br/>         John J. Robinson, Jr.<br/>         Louis V. Rogers<br/>         Frederick J. Schmitt, III<br/>         *Donald S. Schwartz<br/>         James B. Spangler<br/>         Joseph A. Stevenson<br/>         *Joseph B. Taylor<br/>         Nevin J. Trout<br/>         †John B. Whitaker<br/>         Harry D. Williams<br/>         †Donald E. Woods</p> |
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*Honorary Degrees**Doctor of Humane Letters*

- ††Frederick Karl Otto Dibelius

*Doctor of Divinity*

- Aberly Nathanael Gopal  
 William Roy Hashinger  
 Henry Wich Sternat

*Doctor of Letters*

- Stewart Harold Smith

*Doctor of Science*

- Robert William Abbett

*Doctor of Laws*

- Henry Sherman Oberly  
 McClean Stock

\*Distinguished Military or AFROTC Graduates

†Commissioned upon completion of Summer Camp

\*\*Distinguished Military Graduates commissioned in Regular Army

††Conferred December 15, 1952

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